Oklahoma's Clean Water State Revolving Fund Loan Program
FY 2012 Annual Report
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PART 1: SECTION 212 PUBLICLY OWNED TREATMENT WORKS

BORROWER	PROJECT NUMBER	ASSISTANCE AMOUNT REPORTABLE TO NIMS 2012	BINDING COMMIT. REPORTABLE TO NIMS 2012	ASSISTANCE AMOUNT ADJUSTMENTS TO NIMS 2011	BINDING COMMIT. ADJUSTMENTS TO 2011 NIMS	BINDING COMMIT. DATE	LOAN CLOSING DATE	CONSTR. START DATE	INITIATION OF OPERATION	TYPE	% INTERES T RATE ON LOAN	LOAN MATURE DATE
Okemah Utilities Authority	ORF-10-0007-CW	N/A	N/A	N/A	$340,000.00	11/09/2010	06/24/2011	08/04/2011	++	EL	2.22	03/15/2032
Broken Arrow Municipal Authority	ORF-09-0033-CW	N/A	N/A	($5,735,000.00)	N/A	07/13/2010	07/20/2011	07/05/2011	++	EL	2.35	09/15/2033
Calera Public Works Authority	ORF-10-0010-CW	N/A	N/A	N/A	$15,000.00	10/12/2010	10/19/2010	10/19/2010	10/19/2010	EL	2.26	08/15/2038
Fort Gibson Utilities Authority	ORF-11-0004-CW	N/A	N/A	N/A	$95,000.00	04/12/2011	06/24/2011	07/01/2011	++	EL	1.92	03/15/2027
Bartlesville Municipal Authority	ORF-10-0004-CW	N/A	N/A	N/A	$1,700,000.00	07/13/2010	N/A	N/A	++	EL	2.10	N/A
Bartlesville Municipal Authority *(Withdrawn)*	ORF-10-0004-CW	N/A	N/A	N/A	N/A	07/13/2010	N/A	N/A	++	EL	2.10	N/A
Chandler Municipal Authority	ORF-12-0016-CW	$1,175,000.00	$1,300,000.00		N/A	04/10/2012	05/25/2012	06/29/2012	++	EL	1.17	03/15/2023
Elgin Public Works Authority	ORF-10-0005-CW	$3,060,000.00	$3,150,000.00		N/A	10/17/2011	12/01/2011	12/08/2011	++	EL	2.13	09/15/2032
Eufaula Public Works Authority	ORF-11-0009-CW	$4,035,000.00	$4,035,000.00		N/A	02/13/2012	02/24/2012	03/29/2012	++	EL	2.06	08/15/2043
Glenpool Utility Service Authority	ORF-11-0002-CW	$3,740,625.00	$3,740,625.00		N/A	09/13/2011	10/21/2011	11/09/2011	++	EL	2.16	09/15/2032
Muldrow Public Works Authority	ORF-11-0007-CW	$3,705,000.00	$3,705,000.00		N/A	09/13/2011	11/15/2011	12/05/2011	++	EL	2.39	03/15/2041
Muskogee Municipal Authority	ORF-11-0008-CW	$12,775,000.00	$12,775,000.00		N/A	08/09/2011	08/23/2011	++	++	EL	2.27	09/15/2034
Nicoma Park Development Authority	ORF-09-0035-CW	$124,371.96	$351,000.00		N/A	07/12/2011	10/03/2011	10/11/2011	03/22/2012	EL	1.72	09/15/2026
Owasso Public Works Authority	ORF-10-0014-CW	$3,115,000.00	$3,540,000.00		N/A	09/13/2011	11/17/2011	12/14/2011	++	EL	2.11	09/15/2032
Tulsa Metropolitan Utility Authority	ORF-11-0005-CW	$16,700,000.00	$16,700,000.00		N/A	12/13/2011	12/28/2011	++	++	EL	2.05	03/15/2034
Tulsa Metropolitan Utility Authority	ORF-12-0003-CW	$4,347,000.00	$4,347,000.00		N/A	04/10/2012	04/30/2012	++	++	EL	1.93	09/15/2034
Vian Public Works Authority	ORF-11-0006-CW	N/A	$1,555,000.00		N/A	02/13/2012	++	++	++	EL	2.1	02/15/2042
Broken Arrow Municipal Authority	ORF-09-0033-CW	$4,680,000.00	N/A		N/A	07/13/2010	07/20/2011	07/05/2011	++	EL	2.35	09/15/2033
Okmulgee Municipal Authority	ORF-10-0013-CW	($33,296.12)	N/A		N/A	12/14/2010	12/22/2010	01/15/2011	03/06/2012	EL	2.36	03/15/2031
Stroud Utilities Authority	ORF-10-0015-CW	($49,836.66)	N/A		N/A	12/14/2010	02/22/2011	02/28/2011	05/21/2012	EL	2.62	09/15/2031
Walters Public Works Authority	ORF-09-0005-CW	($75,597.78)	N/A		N/A	10/13/2009	12/23/2009	01/05/2010	11/08/2011	EL/ARRA	2.21	09/15/2030
Ardmore Public Works Authority	ORF-09-0018-CW	($34,923.01)	N/A		N/A	09/08/2009	12/18/2009	01/22/2010	07/28/2011	EL/ARRA	2.17	03/15/1930
Piedmont Municipal Authority	ORF-09-0014-CW	($97,427.77)	N/A		N/A	08/11/2009	12/17/2009	01/05/2010	01/12/2012	EL/ARRA	2.18	09/15/2030
Owasso Public Works Authority	ORF-09-0007-CW	($202,991.78)	N/A		N/A	08/11/2009	12/08/2009	01/07/2010	01/11/2012	EL	2.25	03/15/2031
Pauls Valley Municipal Authority	ORF-04-0013-CW	($8,119.76)	N/A		N/A	09/13/2005	09/22/2005	09/22/2005	11/08/2011	NL	2.60	*03/15/2027
Del City Municipal Services Authority	ORF-09-0022-CW	($1,707.18)	N/A		N/A	08/11/2009	10/09/2009	10/16/2009	01/11/2012	EL/ARRA	2.08	03/15/2030
Ponca City Utility Authority	ORF-09-0011-CW	($7,704.30)	N/A		N/A	07/14/2009	10/06/2009	11/02/2009	04/17/2012	EL/ARRA	2.09	03/15/2030
Beggs Public Works Authority	ORF-05-0005-CW	($15,870.95)	N/A		N/A	03/13/2007	09/24/2008	09/24/2008	04/17/2012	NL	2.72	09/15/2028
Duncan Public Utilities Authority	ORF-09-0016-CW	($19,563.54)	N/A		N/A	09/08/2009	09/18/2009	08/20/2009	04/17/2012	EL/ARRA	2.23	09/15/2030
Commerce Development Authority	ORF-02-0010-CW	($40,057.83)	N/A		N/A	10/08/2002	03/14/2003	03/14/2003	10/01/2003	NL	2.052	09/15/2023
Hobart Public Works Authority	ORF-07-0007-CW	($8,550.50)	N/A		N/A	06/08/2010	11/05/2010	01/18/2011	05/29/2012	EL	2.10	09/15/2030
Oklahoma City Water Utilities Trust	ORF-09-0021-CW	($1,301,715.43)	N/A		NA	07/14/2009	11/13/2009	09/24/2009	08/24/2011	EL/ARRA	2.36	03/15/2031
PART 1 TOTAL		$55,559,634.35	$55,198,625.00	($5,735,000.00)	$2,150,000.00							

PART 2: SECTION 319 NONPOINT SOURCE MANAGEMENT PROGRAMS

PROJECT NAME / COMMUNITIES SERVED	PROJECT NUMBER	ASSISTANCE AMOUNT	REPORTABLE TO NIMS IN 2011		BINDING COMMIT. ADJUSTMENTS TO NIMS 2010 DATA	BINDING COMMIT DATE	LOAN CLOSE DATE	CONSTR START DATE	INITIATE OPERATION DATE	TYPE	INT. RATE ON LOAN	DATE LOAN MATURES
N/A	N/A	$0.00	$0.00		$0.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PART 2 TOTAL		$0.00	$0.00		$0.00							

PART 3: SECTION 320 NATIONAL ESTUARY PROGRAM

PROJECT NAME / COMMUNITIES SERVED	PROJECT NUMBER	ASSISTANCE AMOUNT	REPORTABLE TO NIMS IN 2011		BINDING COMMIT. ADJUSTMENTS TO NIMS 2010 DATA	BINDING COMMIT DATE	LOAN CLOSE DATE	CONSTR START DATE	INITIATE OPERATION DATE	TYPE	INT. RATE ON LOAN	DATE LOAN MATURES
NONE	N/A	$0.00	0.00		0.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PART 3 TOTAL		$0.00	$0.00		$0.00							

PART 4: SECTION 603(d)(7) PROGRAM ADMINISTRATION COUNTED TOWARD BINDING COMMITMENTS

PROJECT NAME / COMMUNITIES SERVED	GRANT CS NUMBER	ASSISTANCE AMOUNT	CWSRF ADMIN. FEES UTLIZED IN 2012		BC ADJUSTMENTS TO NIMS 2010 DATA	BINDING COMMIT DATE	LOAN CLOSE DATE	CONSTR START DATE	INITIATE OPERATION DATE	TYPE	INT. RATE ON LOAN	DATE LOAN MATURES
PROG ADMIN	N/A	$80,572.58	80,572.58		0.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PART 4 TOTAL		$80,572.58	$80,572.58		$0.00							

GRAND TOTAL (CWSRF Projects)[1]	**$55,640,206.93**	**$55,279,197.58**	**($5,735,000.00)**	**$2,150,000.00**
GRAND TOTAL (All Projects)	**$55,640,206.93**	**$55,279,197.58**	**($5,735,000.00)**	**$2,150,000.00**

[1] , the sum of the totals of PART 1, 2, 3, & 4, minus CWSRF Refinances in PART 1

L = Direct Loans; R = Refinance CWSRF;(Incr.) = Increase in Binding Commitment amount, (Dec.) = Decrease in Binding Commitment amount

++ = HAS NOT YET OCCURRED

ARRA = American Recovery and Reinvestment Act of 2009

Attachment 2: All OKLAHOMA CWSRF PROJECTS IDENTIFIED FOR RECEIVING FINANCIAL ASSISTANCE

COMMUNITIES SERVED	PROJECT NUMBER	ASSISTANCE AMOUNT ($000)	FISCAL YEAR OBLIGATIONS	BINDING COMMIT DATE	Days Between BC&LC	LOAN CLOSE DATE	Days Between LC&CS	CONSTR START DATE	INITIATE OPERATION DATE	TYPE	INITIAL DEBT INCURRED	% INT. RATE	DATE LOAN MATURES
Tulsa Metropolitan Utility Authority	40106814	11,100,000.00	90	4/1/1990	122	8/1/1990	0	8/1/1990	4/1/1992	EL	N/A	4.250	8/1/1994
Tulsa Metropolitan Utility Authority	40106820	15,559,500.00	91	3/1/1991	122	7/1/1991	31	8/1/1991	8/1/1993	EL	N/A	4.250	8/1/1994
Guymon Utilities Authority	40082621	300,000.00	92	12/1/1991	0	12/1/1991	122	4/1/1992	4/1/1992	EL	N/A	4.250	4/1/1993
Muskogee Municipal Authority	40110811	11,553,000.00	92	3/1/1992	61	5/1/1992	31	6/1/1992	4/1/1994	EL	N/A	4.250	2/1/1995
Dewey Public Works Authority	40111403	1,450,000.00	92	3/1/1992	92	6/1/1992	30	7/1/1992	8/1/1993	EL	N/A	4.250	8/1/1994
Beaver Public Works Authority	40110103	844,000.00	92	4/1/1992	91	7/1/1992	0	7/1/1992	2/1/1994	EL	N/A	4.250	1/1/1996
Marietta Public Works Authority	40110403	644,166.27	92	4/1/1992	306	2/1/1993	150	7/1/1993	10/1/1993	EL	N/A	4.250	3/1/1995
Nicoma Park Development Authority	40114003	1,445,000.00	92	9/1/1992	30	10/1/1992	0	10/1/1992	8/1/1993	EL	N/A	4.250	8/1/1994
Tulsa Metropolitan Utility Authority (refin. srf)	40106890	4,298,500.00	93	12/1/1992	0	12/1/1992	N/A	N/A	N/A	NR	8/1/1990	0.000	9/1/2012
Guymon Utilities Authority (refin. srf)	40082690	118,600.00	93	4/1/1993	0	4/1/1993	N/A	N/A	N/A	NR	12/1/1991	0.000	3/1/2013
Muskogee Municipal Authority (refin. srf)	40110890	2,141,900.00	93	4/1/1993	0	4/1/1993	N/A	N/A	N/A	NR	5/1/1992	0.000	9/1/2013
Norman Utilities Authority Utilities Authority	40089941	6,800,000.00	93	4/1/1993	30	5/1/1993	0	5/1/1993	6/1/1996	EL	N/A	4.250	3/1/1997
Bethany Public Works Authority/01/WA	40111003	9,523,800.00	93	5/1/1993	153	10/1/1993	0	10/1/1993	2/1/1995	EL	N/A	4.250	9/1/1996
Tulsa Metropolitan Utility Authority (refin. srf)	40106891	6,223,800.00	93	8/1/1993	92	11/1/1993	N/A	N/A	N/A	NR	7/1/1991	0.000	3/1/1996
Ponca City Utility Authority	40113011	4,549,971.45	93	9/1/1993	273	6/1/1994	0	6/1/1994	7/1/1996	EL	N/A	4.250	8/1/1997
Duncan Public Utilities Authority	40113603	9,176,704.94	94	11/1/1993	30	12/1/1993	90	3/1/1994	10/1/1997	EL	N/A	4.250	9/1/1999
Henryetta Municipal Authority	40111903	4,698,810.27	94	3/1/1994	275	12/1/1994	31	1/1/1995	1/1/1996	EL	N/A	4.250	1/1/1998
Marietta Public Works Authority (refin. Srf)	40110490	257,700.00	94	3/1/1994	122	7/1/1994	N/A	N/A	N/A	NR	2/1/1993	0.000	9/1/2013
Dewey Public Works Authority (refin. srf)	40111490	570,900.00	94	4/1/1994	61	6/1/1994	N/A	N/A	N/A	NR	6/1/1992	0.000	8/1/2012
Tulsa Metropolitan Utility Authority	40106821	20,994,611.00	94	6/1/1994	122	10/1/1994	31	11/1/1994	9/1/1997	EL	N/A	4.250	8/1/1998
Nicoma Park Development Authority(refin. srf)	40114090	569,000.00	94	6/1/1994	61	8/1/1994	N/A	N/A	N/A	NR	10/1/1992	0.000	8/1/2013
Muskogee Municipal Authority (refin. srf)	40110891	2,479,200.00	94	7/1/1994	62	9/1/1994	N/A	N/A	N/A	NR	5/1/1992	0.000	8/1/2014
Washington Municipal Authority	40114103	410,000.00	94	9/1/1994	212	4/1/1995	0	4/1/1995	2/1/1996	NL	N/A	3.263	2/1/2016
Chandler Municipal Authority	40113403	2,502,619.00	95	12/1/1994	701	11/1/1996	0	11/1/1996	5/1/1998	NL	N/A	2.972	3/01/18
Shawnee Municipal Authority	40115411	2,730,866.73	95	2/1/1995	303	12/1/1995	31	1/1/1996	7/1/1997	EL	N/A	4.250	3/1/1999
Harrah Public Works Authority	40117403	1,379,564.34	95	6/1/1995	30	7/1/1995	31	8/1/1995	6/1/1996	NL	N/A	2.934	8/1/2010
Broken Arrow Municipal Authority (LYNN L)	40115003	3,925,000.00	95	9/1/1995	427	11/1/1996	0	11/1/1996	10/1/1997	EL	N/A	4.250	3/1/2000
Haileyville Public Works Authority	40115803	419,000.00	95	9/1/1995	396	10/1/1996	0	10/1/1996	3/1/1998	NL	N/A	3.056	3/01/17
Bethany Public Works Authority/01/A (refin. srf)	40111090	3,749,900.00	95	9/1/1995	61	11/1/1995	N/A	N/A	N/A	NR	10/1/1993	0.000	8/1/2015
Tonkawa Municipal Authority	40115903	350,000.00	95	8/1/1995	31	9/1/1995	0	9/1/1995	1/1/1997	NL	N/A	3.000	8/1/2016
Kiefer Public Works Authority	40116103	304,054.30	95	9/1/1995	0	9/1/1995	30	10/1/1995	4/1/1996	NL	N/A	2.978	8/1/2015
Duncan Public Utilities Authority(1st Refin. srf)	40113690	2,328,900.00	96	10/1/1995	0	10/1/1995	N/A	N/A	N/A	NR	12/1/1993	0.000	2/1/2008
Marlow Municipal Authority	40117703	3,925,000.00	96	10/1/1995	31	11/1/1995	0	11/1/1995	1/01/02	NL	N/A	2.955	6/1/2018
Glenpool Public Works Authority	40114203	3,715,509.63	96	11/1/1995	92	2/1/1996	394	3/1/1997	3/01/01	EL	N/A	4.250	12/1/2000
Norman Utilities Authority (refin. srf)	40089990	2,720,000.00	96	12/1/1995	0	12/1/1995	N/A	N/A	N/A	NR	5/1/1993	0.000	8/1/2015
Skiatook Public Works Authority	40112003	493,236.17	96	12/1/1995	91	3/1/1996	0	3/1/1996	11/1/1996	NL	N/A	3.026	8/01/16
Fairfax Public Works Authority	40117103	881,981.32	96	3/1/1996	0	3/1/1996	31	4/1/1996	4/1/1997	NL	N/A	3.093	3/1/2017
Owasso Public Works Authority	40114611	1,520,000.00	96	4/1/1996	244	12/1/1996	31	1/1/1997	10/1/1998	EL	N/A	4.250	2/1/2000
Pittsburg Public Works Authority	40116003	105,000.00	96	5/1/1996	92	8/1/1996	304	6/1/1997	12/1/1994	NR	12/1/1994	2.956	9/1/2014
Ponca City Utility Authority	40113021	17,067,100.61	96	5/1/1996	31	6/1/1996	30	7/1/1996	12/01/99	EL	N/A	4.250	4/1/2001
Tulsa Metropolitan Utility Authority	40118211	4,000,000.00	96	5/1/1996	31	6/1/1996	61	8/1/1996	6/1/1999	EL	N/A	4.250	8/1/1999
Helena Public Works Authority	40118503	422,978.48	96	7/1/1996	62	9/1/1996	30	10/1/1996	5/1/1997	NL	N/A	3.134	9/01/16
Rush Springs Municipal Improvement Authority	40118303	584,145.51	96	8/1/1996	0	8/1/1996	61	10/1/1996	9/1/1997	NL	N/A	2.981	9/01/17
Enid Municipal Authority	40118411	8,200,000.00	97	10/1/1996	31	11/1/1996	61	1/1/1997	5/01/02	EL	N/A	4.250	3/01/01
Broken Arrow Municipal Authority (HaikeyPH II)	40117011	2,820,000.00	97	10/1/1996	31	11/1/1996	0	11/1/1996	4/1/1998	EL	N/A	4.250	3/1/2000
Henryetta Municipal Authority (2nd)	40111990	173,693.92	97	3/1/1997	0	3/1/1997	N/A	N/A	1/1/1996	NR	12/1/1994	0.000	8/1/2015
Tulsa Metropolitan Utility Authority -21 (1st refin. srf)	40106892	4,035,000.00	97	11/1/1996	61	1/1/1997	N/A	N/A	N/A	NL	10/01/94	0.000	8/1/2016
Locust Grove Public Works Authority	40118003	1,835,000.00	97	12/1/1996	0	12/1/1996	62	2/1/1997	3/1/1999	NL	N/A	2.981	3/01/18
Ponca City Utility Authority (1st refin. srf)	40113090	1,784,449.00	97	3/1/1997	0	3/1/1997	N/A	N/A	N/A	NR	6/1/1996	0.000	2/1/2016
Vinita Utilities Authority	40117611	1,900,000.00	97	12/1/1996	31	1/1/1997	31	2/1/1997	9/1/1998	NL	N/A	3.059	3/01/18
Inola Public Works Authority	40119211	624,878.05	97	1/1/1997	90	4/1/1997	30	5/1/1997	5/01/00	NL	N/A	3.183	3/01/20
Muskogee Municipal Authority	40110841	13,887,944.73	97	2/1/1997	120	6/1/1997	30	7/1/1997	6/1/1999	EL	N/A	4.250	9/1/2000
Beaver Public Works Authority -ARB. (Inc.)	40110190	376,673.77	97	4/1/1997	30	5/1/1997	31	6/1/1997	8/1/1995	NL	N/A	3.043	8/1/2015
Poteau Public Works Authority	40113903	2,335,000.00	97	5/1/1997	61	7/1/1997	31	8/1/1997	5/1/1999	NL	N/A	2.847	9/01/18
Geronimo Public Works Authority	40118603	395,000.00	98	7/1/1997	62	9/1/1997	0	9/1/1997	6/1/1998	NL	N/A	2.927	9/01/17
Warner Utilities Authority	40121903	246,149.77	98	9/1/1997	730	9/1/1999	0	9/1/1999	6/01/00	NL	N/A	3.128	3/01/20
Fort Gibson Utilities Authority	40121903	431,596.56	98	5/1/1998	0	5/1/1998	0	5/1/1998	12/01/98	NL	N/A	2.791	9/1/2013
Checotah Public Works Authority	40119503	2,963,143.75	98	12/1/1997	90	3/1/1998	0	3/1/1998	6/1/1999	NL	N/A	2.799	3/01/19
Perry Municipal Authority	40120203	950,000.00	98	12/1/1997	212	7/1/1998	0	7/1/1998	4/01/00	NL	N/A	2.757	3/01/14
Tulsa Metropolitan Utility Authority (REHAB)	40121011	12,900,000.00	98	12/1/1997	31	1/1/1998	0	1/1/1998	7/01/00	EL	N/A	4.25	2/01/01
Norman Utilities Authority Utilities Authority	40119703	4,850,000.00	98	4/1/1998	61	6/1/1998	61	8/1/1998	3/01/00	EL	N/A	4.25	3/01/02
Grayson Development Authority	40120303	75,848.94	98	5/1/1998	365	5/1/1999	31	6/1/1999	12/01/99	NL	N/A	2.768	3/01/20
Bromide Public Works Authority	40120803	98,695.85	98	6/1/1998	334	5/1/1999	31	6/1/1999	1/01/00	NL	N/A	2.82	9/01/19
Tishomingo Municipal Authority	40119303	1,353,726.70	98	6/1/1998	304	4/1/1999	30	5/1/1999	3/01/00	NL	N/A	2.763	3/01/20
Okemah Utilities Authority	40118803	3,300,000.00	98	5/1/1998	31	6/1/1998	0	6/1/1998	03/01/01	NL	N/A	2.862	9/01/19
Broken Arrow Municipal Authority (HKEY PH I refin.)	40117090	1,079,599.46	98	10/1/1997	0	10/1/1997	0	10/1/1997	10/1/1997	NR	3/1/1995	0.000	2/01/17
Broken Arrow Municipal Authority (LYNN L. refin. srf)	40115090	1,570,000.00	98	12/1/1997	0	12/1/1997	N/A	N/A	N/A	NR	11/01/96	0.000	8/01/17
Tulsa Metropolitan Utility Authority (refin. srf)	40106893	4,392,413.00	98	6/1/1998	0	6/1/1998	N/A	N/A	N/A	NR	7/1/1993	0.000	8/01/17
Tulsa Metropolitan Utility Authority (addtnl. for refin. srf)	40106893	302,763.00	98	6/1/1998	0	6/1/1998	N/A	N/A	N/A	NR	7/1/1993	0.000	8/01/17

COMMUNITIES SERVED	PROJECT NUMBER	ASSISTANCE AMOUNT ($000)	FISCAL YEAR OBLIGATIONS	BINDING COMMIT DATE	Days Between BC&LC	LOAN CLOSE DATE	Days Between LC&CS	CONSTR START DATE	INITIATE OPERATION DATE	TYPE	INITIAL DEBT INCURRED	% INT. RATE	DATE LOAN MATURES
Shawnee Municipal Authority (refin. srf)	40115490	1,073,278.00	98	9/1/1997	0	9/1/1997	N/A	N/A	N/A	NR	12/01/95	0.000	8/01/16
Duncan Public Utilities Authority (2nd refin. srf)	40114691	1,333,508.00	98	2/1/1998	0	2/1/1998	N/A	N/A	N/A	NR	12/01/93	0.000	8/01/10
Ponca City Utility Authority(2nd srf refin.)	40113091	4,400,000.00	98	6/1/1998	0	6/1/1998	N/A	N/A	N/A	NR	6/01/96	0.000	2/01/18
El Reno Municipal Authority	ORF-97-008-CW	1,281,545.63	99	1/1/1999	151	6/1/1999	0	6/1/1999	5/00	EL	N/A	4.250	9/01/00
Tulsa Metropolitan Utility Authority	ORF-98-007-CW	17,032,055.00	99	9/1/1998	0	9/1/1998	0	9/1/1998	2/02	EL	N/A	4.250	8/01/02
Wagoner Rural Water Sewer District #4	ORF-96-012-CW	6,752,000.00	99	11/1/1998	61	1/1/1999	0	1/1/1999	7/01	NL	N/A	2.684	3/01/20
Broken Arrow Municipal Authority	ORF-98-012-CW	945,000.00	99	6/1/1999	245	2/1/2000	0	2/1/2000	4/01	EL	N/A	4.250	2/01/02
Shattuck Municipal Authority	ORF-97-002-CW	500,000.00	99	6/1/1999	0	6/1/1999	0	6/1/1999	4/00	NL	N/A	3.041	9/01/20
Bixby Public Works Authority	ORF-96-008-CW	4,938,787.00	99	7/1/1998	123	11/1/1998	0	11/1/1998	9-Dec-02	NL	N/A	2.720	9/01/21
Muskogee Municipal Authority (refin. srf)	ORF-98-004-CW	3,480,000.00	99	9/1/1998	0	9/1/1998	N/A	N/A	N/A	NR	6/01/97	0.000	9/01/18
Owasso Public Works Authority(refin. srf)	ORF-99-008-CW	931,610.00	99	6/1/1999	0	6/1/1999	N/A	N/A	N/A	NR	4/01/93	0.000	9/01/18
Owasso Public Works Authority(addtnl. for refin. srf)	ORF-99-008-CW	375,428.92	99	6/1/1999	0	6/1/1999	N/A	N/A	N/A	NR	4/01/93	0.000	9/01/18
Enid Municipal Authority (1st refin. srf)	ORF-98-006-CW	1,906,000.00	99	9/1/1998	0	9/1/1998	N/A	N/A	N/A	NR	11/01/96	0.000	9/01/18
Broken Arrow Municipal Authority (refinance)	ORF-99-004-CW	1,110,358.00	99	6/1/1999	0	6/1/1999	N/A	N/A	N/A	NR	11/01/96	0.000	2/01/18
Stilwell Area Development Authority	ORF-98-010-CW	3,807,449.79	00	8/1/1999	61	10/1/1999	61	12/1/1999	04/01/01	NL	N/A	3.267	8/01/20
Lawton Water Authority	ORF-98-015-CW	9,570,000.00	00	9/1/1999	30	10/1/1999	0	10/1/1999	T10/01/04	EL	N/A	4.250	3/01/05
Big Cabin Public Works Authority	ORF-98-016-CW	306,540.54	00	11/1/1999	396	12/1/2000	31	1/1/2001	1/17/2006	NL	N/A	3.043	8/01/21
Haskell Public Works Authority	ORF-99-015-CW	272,251.33	00	12/1/1999	183	6/1/2000	0	6/1/2000	12/01/00	NL	N/A	3.260	9/01/20
Muskogee Municipal Authority (refin. srf)	ORF-99-007-CW	1,970,765.00	00	12/1/1999	0	12/1/1999	N/A	N/A	N/A	NR	6/01/97	0.000	2/01/19
Ponca City Utility Authority (refin. srf)	ORF-99-021-CW	2,370,906.00	00	12/1/1999	0	12/1/1999	N/A	N/A	N/A	NR	6/01/96	0.000	8/01/19
Owasso Public Works Authority	ORF-98-013-CW	2,573,837.57	00	1/1/2000	91	4/1/2000	0	4/1/2000	5/01/01	EL	N/A	4.250	2/01/02
Vian Public Works Authority	ORF-98-017-CW	1,032,836.13	00	2/1/2000	121	6/1/2000	0	6/1/2000	8/01/01	NL	N/A	3.177	8/01/19
Fort Gibson Utilities Authority	ORF-99-017-CW	683,262.50	00	3/1/2000	0	3/1/2000	0	3/1/2000	8/01/00	NL	N/A	3.316	8/01/20
Duncan Public Utilities Authority	ORF-99-005-CW	9,015,945.83	00	4/1/2000	244	12/1/2000	31	1/1/2001	T9/01/02	EL	N/A	4.250	2/01/03
Norman Utilities Authority* (refin. srf)	ORF-97-006-CW	4,850,000.00	00	6/1/2000	0	6/1/2000	N/A	N/A	N/A	NR	6/01/98	0.000	9/01/19
Rogers County Rural Sewer District #1	ORF-99-002-CW	630,000.00	00	6/1/2000	365	6/1/2001	30	7/1/2001	6/01/02	NL	N/A	2.699	9/01/21
Jay Utilities Authority	ORF-99-011-CW	3,734,451.63	01	8/1/2000	61	10/1/2000	0	10/1/2000	2/02	NL	N/A	3.095	9/01/21
El Reno Municipal Authority (refin. srf)	ORF-00-001-CW	504,192.72	01	9/1/2000	0	9/1/2000	N/A	N/A	N/A	NR	5/01/00	0.000	3/01/20
Pocola Municipal Authority	ORF-98-014-CW	760,000.00	01	11/1/2000	61	1/1/2001	31	2/1/2001	T11/02	NL	N/A	2.678	9/01/21
Hobart Public Works Authority	ORF-00-007-CW	190,930.77	01	6/1/2001	0	6/1/2001	0	6/1/2001	04/02	NL	N/A	2.715	9/01/21
Enid Municipal Authority	ORF-00-0013-CW	2,700,000.00	01	12/1/2000	0	12/1/2000	0	12/1/2000	5/02	EL	N/A	4.250	2/01/03
Enid Municipal Authority (2nd refin. srf)	ORF-99-0016-CW	1,184,041.58	01	12/1/2000	0	12/1/2000	N/A	N/A	N/A	NR	6/01/00	0.000	8/01/20
Tulsa Metropolitan Utility Authority	ORF-00-014-CW	4,000,000.00	01	1/1/2001	31	2/1/2001	120	6/1/2001	24-May-03	EL	N/A	4.250	2/01/04
Spiro Municipal Improvement Authority	ORF-99-010-CW	775,036.94	01	2/1/2001	485	6/1/2002	0	6/1/2002	28-Oct-03	NL	N/A	2.495	3/01/23
Antlers Public Works Authority	ORF-99-014-CW	16,328.78	01	2/1/2001	150	7/1/2001	31	8/1/2001	T11/01	NL	N/A	2.653	8/01/21
Tulsa Metropolitan Utility Authority (refinance)	ORF-00-020-CW	4,995,554.11	01	2/1/2001	0	2/1/2001	N/A	N/A	N/A	NR	7/01/00	0.000	2/01/20
Grand Lake Public Works Authority	ORF-99-022-CW	2,700,000.00	01	3/1/2001	61	5/1/2001	31	6/1/2001	23-May-03	NL	N/A	2.777	3/01/22
Sand Springs Municipal Authority	ORF-00-010-CW	5,685,115.77	01	3/1/2001	245	11/1/2001	30	12/1/2001	8-Mar-04	EL	N/A	4.250	9/01/04
Stillwater Utilities Authority	ORF-00-018-CW	20,272,410.37	01	3/1/2001	184	9/1/2001	30	10/1/2001	29-Jul-04	EL	N/A	4.250	3/01/06
Lawton Water Authority (refin. srf)	ORF-00-019-CW	2,008,570.47	01	4/1/2001	0	4/1/2001	N/A	N/A	N/A	NR	4/01/01	0.000	2/01/21
Foyil Economic Development Authority	ORF-98-009-CW	269,520.00	01	5/1/2001	++	++	0	**	**	NL	N/A	++	++
Glenpool Public Works Authority (refin. srf)	ORF-01-006-CW	1,361,388.45	01	5/1/2001	0	5/1/2001	N/A	N/A	N/A	NR	3/01/01	0.000	3/01/21
Prague Public Works Authority	ORF-97-005-CW	1,649,750.00	01	6/1/2001	92	9/1/2001	0	9/1/2001	4-Sep-02	NL	N/A	2.495	3/01/23
Owasso Public Works Authority(refin. srf)	ORF-01-002-CW	897,490.72	01	6/1/2001	0	6/1/2001	N/A	N/A	N/A	NR	5/01/01	0.000	2/01/21
Owasso Public Works Authority (PHASE IIB)	ORF-01-0004-CW	2,216,044.69	02	7/1/2001	123	11/1/2001	30	12/1/2001	18-Nov-02	EL	N/A	4.25	9/04
Collinsville Municipal Authority	ORF-99-0019-CW	897,423.90	02	8/1/2001	122	12/1/2001	62	2/1/2002	6/02	NL	N/A	2.561	3/22
Lawton Water Authority (2nd)	ORF-01-0005-CW	5,827,307.00	02	8/1/2001	92	11/1/2001	0	11/1/2001	1-Dec-03	EL	N/A	4.25	3/06
Durant City Utilities Authority	ORF-00-0002-CW	16,060,000.00	02	9/1/2001	91	12/1/2001	62	2/1/2002	9-Apr-04	EL	N/A	4.25	3/05
El Reno Municipal Authority	ORF-00-0005-CW	1,919,995.48	02	9/1/2001	91	12/1/2001	62	2/1/2002	7/02	NL	N/A	4.25	3/04
Cushing Municipal Authority	ORF-00-0003-CW	6,500,000.00	02	9/1/2001	212	4/1/2002	30	5/1/2002	11/03	NL	N/A	2.60	9/23
Miami Special Utilities Authority	ORF-00-0011-CW	8,923,440.21	02	10/1/2001	61	12/1/2001	31	1/1/2002	8/25/2005	EL	N/A	4.25	9/05
Westville Utility Authority	ORF-99-0020-CW	430,400.00	02	12/1/2001	349	11/15/2002	0	11/15/2002	23-Dec-05	NL	N/A	2.197	9/15/2023
Arkoma Municipal Authority	ORF-01-0010-CW	287,363.67	02	2/1/2002	120	6/1/2002	0	6/1/2002	16-Jan-04	NL	N/A	2.495	3/23
Tulsa Metropolitan Utility Authority	ORF-02-0002-CW	3,247,053.71	02	2/1/2002	120	6/1/2002	0	6/1/2002	12/7/2005	EL	N/A	3.25	3/06
Tonkawa Municipal Authority	ORF-02-0008-CW	526,198.20	02	4/1/2002	61	6/1/2002	0	6/1/2002	1/03	NL	N/A	2.51	9/22
McCurtain Municipal Authority	ORF-01-0009-CW	41,931.00	02	5/1/2002	205	11/22/2002	0	11/22/2002	1-Jun-03	NL	N/A	2.237	3/15/2023
Morris Public Works Authority	ORF-01-0003-CW	1,650,000.00	02	6/1/2002	144	10/23/2002	0	10/23/2002	N/A	NL	N/A	2.365	9/15/2023
Sulphur Municipal Authority	ORF-01-0008-CW	1,013,651.52	02	6/1/2002	193	12/11/2002	0	12/11/2002	1-Mar-04	NL	N/A	2.316	3/15/2024
Tulsa Metropolitan Utility Authority (refin. srf)	ORF-01-0012-CW	6,812,822.00	02	2/1/2002	0	2/1/2002	N/A	N/A	N/A	NR	9/01/98	0.00	8/21
Broken Arrow Municipal Authority (refin. srf)	ORF-01-0011-CW	371,954.34	02	12/1/2001	0	12/1/2001	N/A	N/A	N/A	NR	02/01/00	0.00	2/21
Enid Municipal Authority (SRF Ref.)	ORF-02-0012-CW	1,080,000.00	03	8/1/2002	13	8/14/2002	N/A	N/A	N/A	ER	12/00	0.0	2/15/2022
Tonkawa Municipal Authority	ORF-97-007-CW	1,070,000.00	03	9/10/2002	65	11/14/2002	0	11/14/2002	Sep-06	NL	N/A	2.197	9/15/2023
Duncan Public Utilities Authority (SRF Ref.)	ORF-02-0011-CW	3,606,378.33	03	8/13/2002	48	9/30/2002	N/A	N/A	N/A	ER	12/00	0.0	8/15/2022
Commerce Development Authority	ORF-02-0010-CW	536,942.17	03	10/8/2002	157	3/14/2003	0	3/14/2003	Oct-03	NL	N/A	2.052	9/15/2023
Bartlesville Municipal Authority	ORF-02-0013-CW	1,418,245.00	03	12/10/2002	9	12/19/2002	0	12/19/2002	Mar-04	EL	N/A	3.250	3/15/2004
El Reno Municipal Authority (SRF Ref.)	ORF-02-0016-CW	767,998.19	03	12/10/2002	6	12/16/2002	N/A	N/A	N/A	ER	12/01	0.0	3/15/2022
Stillwater Utilities Authority (SRF Ref.)	ORF-02-0019-CW	4,876,086.11	03	12/10/2002	9	12/19/2002	N/A	N/A	N/A	ER	09/01	0.0	9/15/2022
Owasso Public Works Authority (SRF Ref.)	ORF-01-0004-CW	886,417.88	03	12/10/2002	20	12/30/2002	N/A	N/A	N/A	NR	11/01	0.0	8/15/2022
Lawton Water Authority (SRF Ref.)	ORF-02-0015-CW	1,819,429.52	03	12/10/2002	45	1/24/2003	N/A	N/A	N/A	ER	11/01	0.0	8/15/2022
Lawton Water Authority (SRF Ref.)	ORF-02-0014-CW	1,020,000.00	03	12/10/2002	45	1/24/2003	N/A	N/A	N/A	ER	11/01	0.0	8/15/2022

COMMUNITIES SERVED	PROJECT NUMBER	ASSISTANCE AMOUNT ($000)	FISCAL YEAR OBLIGATIONS	BINDING COMMIT DATE	Days Between BC&LC	LOAN CLOSE DATE	Days Between LC&CS	CONSTR START DATE	INITIATE OPERATION DATE	TYPE	INITIAL DEBT INCURRED	% INT. RATE	DATE LOAN MATURES
Sand Springs Municipal Authority (SRF Ref.)	ORF-02-0018-CW	1,200,000.00	03	12/10/2002	45	1/24/2003	N/A	N/A	N/A	ER	11/01	0.0	9/15/2022
Tulsa Metropolitan Utility Authority	ORF-03-0002-CW	2,563,816.37	03	2/11/2003	31	3/14/2003	0	3/14/2003	3/8/2007	EL	N/A	3.250	3/15/2007
Durant City Utilities Authority (SRF Ref.)	ORF-03-0005-CW	4,127,523.64	03	3/11/2003	14	3/25/2003	N/A	N/A	N/A	ER	12/01	0.0	3/15/2021
Grand Lake Public Works Authority	ORF-02-0020-CW	800,000.00	03	4/8/2003	22	4/30/2003	0	4/30/2003	N/A	NL	N/A	2.095	3/15/2023
Tulsa Metropolitan Utility Authority	ORF-03-0008-CW	9,641,599.06	03	6/10/2003	76	8/25/2003	N/A	8/25/2003	9/14/2006	EL	N/A	3.250	9/15/2006
Enid Municipal Authority	ORF-03-0004-CW	2,700,000.00	03	6/10/2003	N/A	N/A	N/A	N/A	N/A	EL	N/A	N/A	N/A
Grove Municipal Services Authority	ORF-02-0003-CW	7,500,000.00	03	6/10/2003	149	11/6/2003	0	11/6/2003	2/15/2005	EL	N/A	N/A	9/15/2024
Oologah Municipal Authority	ORF-03-0006-CW	530,832.48	04	9/9/2003	615	5/16/2005	0	5/16/2005	8/24/2006	NL	N/A	2.60	3/15/2026
OK Tourism & Rec.	ORF-03-0013-CW	7,195,000.00	04	9/9/2003	43	10/22/2003	42	12/3/2003	3/15/2004	NL	N/A	2.13	9/15/2023
Miami Special Utilities Authority SRF Ref.	ORF-03-0017-CW	1,760,000.00	04	12/9/2003	2	12/11/2003	N/A	N/A	N/A	ER	12/1/2001	0.00	9/15/2023
Tulsa Metropolitan Utility Authority	ORF-04-0002-CW	9,680,742.41	04	2/10/2004	3	2/13/2004	0	2/13/2004	3/8/2007	EL	N/A	3.25	9/15/2007
Tulsa Metropolitan Utility Authority SRF Ref.	ORF-03-0019 -CW	1,560,000.00	04	2/10/2004	3	2/13/2004	N/A	N/A	N/A	ER	2/1/2001	0.00	8/15/2023
Lawton Water Authority SRF Ref.	ORF-03-0018-CW	1,310,000.00	04	2/9/2004	16	2/25/2004	N/A	N/A	N/A	ER	11/01	0.00	8/15/2023
Bartlesville Municipal Authority SRF Ref.	ORF-03-0016-CW	552,498.00	04	12/9/2003	113	3/31/2004	N/A	N/A	N/A	ER	12/19/2002	0.00	3/15/2024
Sand Springs Municipal Authority Ref.	ORF-03-0012-CW	950,805.77	04	7/8/2003	268	4/1/2004	N/A	N/A	N/A	ER	11/1/2001	0.00	3/8/2024
Guthrie Public Works Authority	ORF-02-0009-CW	603,558.12	04	4/13/2004	141	9/1/2004	0	9/1/2004	6/20/2006	NL	N/A	2.166	3/15/2025
Durant City Utilities Authority Ref.	ORF-03-0015 -CW	2,131,976.36	04	4/13/2004	3	4/16/2004	N/A	N/A	N/A	ER	12/1/2001	0.00	3/15/2021
Henryetta Municipal Authority Ref. Exist. Debt	ORF-04-0004-CW	1,955,000.00	04	5/11/2004	16	5/27/2004	N/A	N/A	N/A	NL	N/A	2.12	9/15/2015
Miami Special Utilities Authority SRF Ref.	ORF-04-0007-CW	1,595,537.91	04	6/8/2004	17	6/25/2004	N/A	N/A	N/A	ER	12/1/2001	0.00	3/15/2024
Vinita Utilities Authority	ORF-04-0005-CW	1,182,745.91	05	9/14/2004	351	8/31/2005	0	8/31/2005	11/3/2006	NL	N/A	2.60	3/15/2026
Anadarko Public Works Authority	ORF-03-0009-CW	3,500,000.00	05	9/14/2004	241	5/13/2005	0	5/13/2005	2/20/2007	NL	N/A	2.60	3/15/2026
Harrah Public Works Authority	ORF-03-0014-CW	2,220,000.00	05	9/14/2004	93	12/16/2004	0	12/16/2004	5/7/2006	NL	N/A	2.60	9/15/2025
Tulsa Metropolitan Utility Authority	ORF-04-0014-CW	7,900,000.00	05	1/11/2005	34	2/14/2005	0	2/14/2005	++	EL	N/A	2.60	*09/15/2027
Ardmore Public Works Authority	ORF-04-0006-CW	16,782,133.49	05	12/14/2004	56	2/8/2005	0	2/8/2005	12/12/2006	EL	N/A	2.60	3/15/2026
Sand Springs Municipal Authority	ORF-05-0002-CW	2,245,985.75	05	5/10/2005	50	6/29/2005	0	6/29/2005	4/24/2006	EL	N/A	2.60	9/15/2026
Lawton Water Authority	ORF-04-0012-CW	8,500,000.00	05	6/17/2005	96	9/21/2005	0	9/21/2005	4/18/2011	EL	N/A	2.60	*09/15/2026
Stillwater Utilities Authority Refinance	ORF-04-0010-CW	7,620,000.00	05	6/29/2005	0	6/29/2005	0	6/29/2005	N/A	ER	9/1/2001	2.60	3/15/2025
Foyil Economic Development Authority (Withdrawn)	ORF-98-009-CW	(269,520.00)	01	5/1/2001	N/A	N/A	0	N/A	N/A	NL	N/A	N/A	N/A
Broken Arrow Municipal Authority	ORF-05-0006-CW	15,000,000.00	06	6/20/2006	359	6/14/2007	0	6/14/2007	++	EL	N/A	2.60	*03/15/24
Chouteau Public Works Authority	ORF-04-0009-CW	1,985,700.00	06	10/11/2005	N/A	N/A	N/A	N/A	N/A	NL	N/A	2.60	N/A
Chouteau Public Works Authority *(Withdrawn)*	ORF-04-0009-CW	(1,985,700.00)	06	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Enid Municipal Authority (Withdrawn)	ORF-03-0004-CW	(2,700,000.00)	03	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Glencoe Public Works Authority	ORF-05-0003-CW	170,000.00	06	12/13/2005	199	6/30/2006	N/A	N/A	7/25/2008	NL	N/A	2.60	*09/15/2026
Pauls Valley Municipal Authority	ORF-04-0013-CW	891,880.24	06	9/13/2005	9	9/22/2005	0	9/22/2005	11/8/2011	NL	N/A	2.60	*03/15/2027
Noble Utilities Authority (Ref. Existing Debt)	ORF-06-0004-CW	2,540,000.00	06	3/14/2006	16	3/30/2006	0	3/30/2006	3/30/2006	NL	N/A	2.60	8/1/2017
Sand Springs Municipal Authority	ORF-05-0010-CW	2,120,824.68	06	5/10/2005	50	6/29/2005	0	6/29/2005	3/5/2007	EL	N/A	2.60	3/15/2026
Stroud Utilities Authority	ORF-05-0004-CW	1,693,370.01	06	8/9/2005	105	11/22/2005	0	11/22/2005	4/18/2007	NL	N/A	2.60	9/15/2026
Tishomingo Municipal Authority	ORF-04-0003-CW	1,114,335.25	06	10/11/2005	280	7/18/2006	0	7/18/2006	9/1/2008	NL	N/A	2.60	*03/15/2027
Tulsa Metropolitan Utility Authority	ORF-05-0009-CW	3,130,000.00	06	2/14/2006	23	3/9/2006	0	3/9/2006	++	EL	N/A	2.60	*09/15/2027
Miami Special Utilities Authority (SRF Ref.)	ORF-05-0007-CW	563,000.00	06	9/15/2005	0	9/15/2005	N/A	N/A	N/A	R	12/1/2001	2.60	3/15/2025
Tulsa Metropolitan Utility Authority (SRF Ref.)	ORF-05-0008-CW	1,202,500.00	06	12/20/2005	0	12/20/2005	N/A	N/A	N/A	R	6/1/2002	0.00	9/15/2025
Beggs Public Works Authority	ORF-05-0005-CW	4,201,129.05	07	3/13/2007	561	9/24/2008	0	9/24/2008	4/17/2012	NL	N/A	2.72	*09/15/28
Calera Public Works Authority	ORF-06-0003-CW	2,016,707.04	07	9/12/2006	N/A	N/A	N/A	N/A	N/A	NL	N/A	2.60	*09/15/27
Collinsville Municipal Authority	ORF-06-0009-CW	1,316,997.75	07	2/13/2007	140	7/3/2007	0	7/3/2007	8/1/2008	NL	N/A	2.60	*03/15/28
Hobart Public Works Authority	ORF-06-0005-CW	1,040,000.00	07	3/13/2007	301	1/8/2008	0	1/8/2008	++	NL	N/A	2.60	*09/15/28
Lawton Water Authority	ORF-07-0003-CW	8,004,612.18	07	6/12/2007	484	10/8/2008	0	10/8/2008	8/26/2010	EL	N/A	2.60	*03/15/28
McLoud Public Works Authority	ORF-04-0008-CW	5,315,000.00	07	10/10/2006	126	2/13/2007	0	2/13/2007	6/16/2008	NL	N/A	2.60	*03/15/28
Tulsa Metropolitan Utility Authority	ORF-06-0006-CW	17,825,000.00	07	10/10/2006	38	11/17/2006	0	11/17/2006	++	EL	N/A	2.60	*09/15/29
Woodward Public Works Authority	ORF-07-0001-CW	1,400,000.00	07	6/12/2007	62	8/13/2007	0	8/13/2007	4/10/2008	EL	N/A	2.60	*03/15/28
Bethany Public Works Authority	ORF-05-0011-CW	$5,069,197.29	08	1/8/2008	93	4/10/2008	0	4/10/2008	3/28/2011	EL	N/A	2.60	9/15/2029
Guymon Utilities Authority	ORF-08-0001-CW	$16,400,000.00	08	6/10/2008	97	9/15/2008	0	9/15/2008	++	EL	N/A	2.60	9/15/2028
Ponca City Utility Authority	ORF-07-0006-CW	$5,565,000.00	08	10/9/2007	0	10/9/07	0	10/9/07	++	EL	N/A	2.61	9/15/2029
Roland Utilities Authority	ORF-08-0003-CW	$3,824,545.30	08	6/10/2008	185	12/12/2008	0	12/12/2008	11/2/2010	NL	N/A	3.23	9/15/2028
Calera Public Works Authority *(Withdrawn)*	ORF-06-0003-CW	(2,016,707.04)	07	9/12/2006	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tulsa Metropolitan Utility Authority *(CREP - Riparian Buffer/Conservation Easements for Eucha & Spavinaw Watersheds)*	ORF-08-0004-CW	$1,250,000.00	08	6/10/2008	38	7/18/2008	0	7/18/08	7/18/08	NL	N/A	2.53	9/15/2013
Pawnee Public Works Authority	ORF-08-0005-CW	$1,275,000.00	09	4/14/2009	31	5/15/2009	0	5/15/2009	11/28/2009	EL/ARRA	N/A	2.39	8/15/2029
Moore Public Works Authority	ORF-08-0002-CW	$3,943,482.00	09	4/14/2009	44	5/28/2009	0	5/28/2009	12/24/2009	EL/ARRA	N/A	2.35	9/15/2029
Mustang Improvement Authority	ORF-08-0006-CW	$6,590,000.00	09	4/14/2009	55	6/8/2009	0	6/8/2009	6/29/2010	EL/ARRA	N/A	2.31	3/15/2030
Adair Municipal Authority	ORF-08-0007-CW	$1,400,000.00	09	5/12/2009	133	9/22/2009	0	6/19/2009	++	EL/ARRA	N/A	2.60	3/15/2030
Harrah Public Works Authority	ORF-08-0008-CW	$1,930,000.00	09	4/14/2009	45	5/29/2009	0	5/29/2009	3/25/2010	EL/ARRA	N/A	2.35	3/15/2030
Tulsa Metropolitan Utility Authority	ORF-09-0001-CW	$11,320,000.00	09	3/10/2009	2	3/12/2009	0	3/12/2009	++	NL	N/A	2.72	9/15/2031
Perkins Public Works Authority	ORF-09-0002-CW	$7,225,000.00	09	5/12/2009	17	5/29/2009	0	5/29/2009	11/6/2010	EL/ARRA	N/A	2.41	9/15/2030
Norman Utilities Authority	ORF-09-0017-CW	$7,640,000.00	09	6/9/2009	80	8/28/2009	47	10/14/2009	++	EL/ARRA	N/A	2.41	3/15/2031
Tulsa Metropolitan Utility Authority	ORF-09-0006-CW	$7,350,000.00	09	4/14/2009	224	11/24/2009	69	2/1/2010	++	EL/ARRA	N/A	2.41	3/15/2032
Ardmore Public Works Authority	ORF-09-0018-CW	$1,055,076.99	10	9/8/2009	101	12/18/2009	35	1/22/2010	7/28/2011	EL/ARRA	N/A	2.17	3/15/2030
Central Oklahoma Master Conservancy District	ORF-09-0027-CW	$369,520.00	10	9/8/2009	87	12/4/2009	12	12/16/2009	++	EL/ARRA	N/A	0.00	9/15/2009
Central Oklahoma Master Conservancy District	ORF-09-0027-CWA	$1,131,765.20	10	9/8/2009	126	1/12/2010	48	3/1/2010	++	EL/ARRA	N/A	0.00	9/15/2009
Collinsville Municipal Authority	ORF-09-0009-CW	$550,000.00	10	7/14/2009	108	10/30/2009	0	10/21/2009	1/13/2012	EL/ARRA	N/A	2.24	3/15/2030
Del City Municipal Services Authority	ORF-09-0022-CW	$1,188,292.82	10	8/11/2009	59	10/9/2009	7	10/16/2009	1/11/2012	EL/ARRA	N/A	2.08	3/15/2030

COMMUNITIES SERVED	PROJECT NUMBER	ASSISTANCE AMOUNT ($000)	FISCAL YEAR OBLIGATIONS	BINDING COMMIT DATE	Days Between BC&LC	LOAN CLOSE DATE	Days Between LC&CS	CONSTR START DATE	INITIATE OPERATION DATE	TYPE	INITIAL DEBT INCURRED	% INT. RATE	DATE LOAN MATURES
Duncan Public Utilities Authority	ORF-09-0016-CW	$320,436.46	10	9/8/2009	10	9/18/2009	0	8/20/2009	4/17/2012	EL/ARRA	N/A	2.23	9/15/2030
El Reno Municipal Authority	ORF-09-0025-CW	$204,493.29	10	10/13/2009	66	12/18/2009	0	12/16/2009	5/13/2010	EL/ARRA	N/A	1.03	9/15/2014
Enid Municipal Authority	ORF-09-0019-CW	$39,900,000.00	10	5/11/2010	14	5/25/2010	42	7/6/2010	++	EL	N/A	2.31	3/15/2032
Grand Lake Public Works Authority	ORF-09-0004-CW	$992,500.00	10	9/8/2009	112	12/29/2009	13	1/11/2010	4/21/2011	EL/ARRA	N/A	2.25	9/15/2030
Grove Municipal Services Authority	ORF-07-0008-CW	$1,900,000.00	10	7/14/2009	38	8/21/2009	4	8/25/2009	1/4/2011	EL/ARRA	N/A	1.87	9/15/2021
Guymon Utilities Authority	ORF-09-0013-CW	$1,335,000.00	10	10/13/2009	24	11/6/2009	27	12/3/2009	++	EL/ARRA	N/A	2.30	3/15/2030
Henryetta Municipal Authority	ORF-09-0029-CW	$3,650,000.00	10	10/13/2009	69	12/21/2009	25	1/15/2010	++	EL/ARRA	N/A	2.23	3/15/2031
Hobart Public Works Authority	ORF-07-0007-CW	$561,449.50	10	6/8/2010	150	11/5/2010	74	1/18/2011	5/29/2012	EL	N/A	2.10	9/15/2030
Lawton Water Authority	ORF-09-0015-CW	$12,270,000.00	10	9/8/2009	83	11/30/2009	21	12/21/2009	++	EL/ARRA	N/A	2.26	9/15/2030
Moore Public Works Authority	ORF-08-0002-CWA	$42,837,500.00	10	5/14/2010	133	9/24/2010	17	10/11/2010	++	EL	N/A	N/A	N/A
Muskogee Municipal Authority	ORF-09-0020-CW	$1,435,000.00	10	8/11/2009	17	8/28/2009	19	9/16/2009	4/1/2011	EL/ARRA	N/A	2.36	3/15/2030
Oklahoma City Water Utilities Trust	ORF-09-0021-CW	$8,167,735.21	10	7/14/2009	122	11/13/2009	0	9/24/2009	8/24/2011	EL/ARRA	N/A	2.36	3/15/2031
Oklahoma Conservation Commission	ORF-09-0028-CW	$2,000,000.00	10	9/8/2009	112	12/29/2009	9	1/7/2010	++	EL/ARRA	N/A	0.00	3/15/2010
Oklahoma Conservation Commission	ORF-09-0031-CW	$86,500.00	10	10/13/2009	56	12/8/2009	115	4/2/2010	++	EL/ARRA	N/A	0.00	3/15/2010
Oklahoma Conservation Commission	ORF-09-0032-CW	$2,000,000.00	10	10/15/2009	54	12/8/2009	56	2/2/2010	++	EL/ARRA	N/A	0.00	3/15/2010
Okmulgee Municipal Authority	ORF-09-0012-CW	$5,100,000.00	10	6/8/2010	113	9/29/2010	36	11/4/2010	++	EL	N/A	2.10	8/15/2030
Owasso Public Works Authority	ORF-09-0003-CWA	$1,785,000.00	10	8/11/2009	119	12/8/2009	30	1/7/2010	++	EL/ARRA	N/A	2.22	9/15/2030
Owasso Public Works Authority	ORF-09-0003-CW	$10,795,000.00	10	8/11/2009	119	12/8/2009	55	2/1/2010	++	EL	N/A	2.28	9/15/2031
Owasso Public Works Authority	ORF-09-0007-CW	$4,307,008.22	10	8/11/2009	119	12/8/2009	30	1/7/2010	1/11/2012	EL	N/A	2.25	3/15/2031
Piedmont Municipal Authority	ORF-09-0014-CW	$2,417,572.23	10	8/11/2009	128	12/17/2009	19	1/5/2010	1/12/2012	EL/ARRA	N/A	2.18	9/15/2030
Ponca City Utility Authority	ORF-09-0011-CW	$567,295.70	10	7/14/2009	84	10/6/2009	27	11/2/2009	4/17/2012	EL/ARRA	N/A	2.09	3/15/2030
Poteau Valley Improvement Authority	ORF-09-0026-CW	$839,101.00	10	9/8/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Poteau Valley Improvement Authority (Withdrawn)	ORF-09-0026-CW	($839,101.00)	10	9/8/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sapulpa Municipal Authority	ORF-09-0010-CW	$3,969,114.00	10	10/13/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sapulpa Municipal Authority *(Withdrawn)*	ORF-09-0010-CW	($3,969,114.00)	10	10/13/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sperry Utility Service Authority	ORF-09-0023-CW	$390,000.00	10	9/8/2009	31	10/9/2009	12	10/21/2009	1/19/2011	EL/ARRA	N/A	2.08	3/15/2030
Stillwater Utilities Authority	ORF-09-0024-CW	$1,875,000.00	10	8/11/2009	105	11/24/2009	83	2/15/2010	++	EL/ARRA	N/A	2.34	9/15/2030
Sulphur Municipal Authority	ORF-09-0030-CW	$10,200,000.00	10	12/8/2009	21	12/29/2009	55	2/22/2010	++	EL/ARRA	N/A	2.23	3/15/2031
Tulsa City County Libraries	ORF-09-0034-CW	$202,799.90	10	11/10/2009	49	12/29/2009	0	12/29/2009	6/4/2012	EL/ARRA	N/A	0.00	3/15/2010
Tulsa Metropolitan Utility Authority	ORF-10-0001-CW	$27,757,000.00	10	4/13/2010	2	4/15/2010	++	++	++	EL	N/A	2.39	9/15/2032
Walters Public Works Authority	ORF-09-0005-CW	$1,250,809.22	10	10/13/2009	71	12/23/2009	13	1/5/2010	11/8/2011	EL/ARRA	N/A	2.21	9/15/2030
Fort Gibson Utilities Authority	ORF-11-0004-CW	$980,000.00	11	4/12/2011	73	6/24/2011	7	7/1/2011	++	EL	N/A	1.92	3/15/2027
Tulsa Metropolitan Utility Authority	ORF-11-0003-CW	$23,480,000.00	11	4/12/2011	3	4/15/2011	++	++	++	EL	N/A	2.61	9/15/2033
Yale Water and Sewage Trust	ORF-11-0001-CW	$2,990,000.00	11	3/9/2011	51	4/29/2011	75	7/13/2011	++	EL	N/A	2.92	3/15/2042
Bixby Public Works Authority	ORF-10-0006-CW	$2,860,000.00	11	2/8/2011	127	6/15/2011	32	7/17/2011	++	EL	N/A	2.20	3/15/2032
Inola Public Works Authority	ORF-06-0011-CW	$2,000,000.00	11	2/8/2011	114	6/2/2011	14	6/16/2011	12/5/2011	EL	N/A	2.18	9/15/2031
Fairview Utilities Authority	ORF-10-0009-CW	$1,980,000.00	11	12/14/2010	8	12/22/2010	55	2/15/2011	++	EL	N/A	2.60	9/15/2031
Guthrie Public Works Authority	ORF-10-0008-CW	$4,375,000.00	11	12/14/2010	8	12/22/2010	41	2/1/2011	++	EL	N/A	2.63	3/15/2032
Okmulgee Municipal Authority	ORF-10-0013-CW	$616,703.88	11	12/14/2010	8	12/22/2010	24	1/15/2011	3/6/2012	EL	N/A	2.36	3/15/2031
Pawnee Public Works Authority	ORF-10-0003-CW	$6,955,000.00	11	12/14/2010	141	5/4/2011	30	6/3/2011	++	EL	N/A	2.84	2/15/2042
Stroud Utilities Authority	ORF-10-0015-CW	$610,163.34	11	12/14/2010	70	2/22/2011	6	2/28/2011	5/21/2012	EL	N/A	2.62	9/15/2031
Okemah Utilities Authority	ORF-10-0007-CW	$2,565,000.00	11	11/9/2010	227	6/24/2011	41	8/4/2011	++	EL	N/A	2.22	3/15/2032
Calera Public Works Authority *(Ref. Existing Debt)*	ORF-10-0010-CW	$4,985,000.00	11	10/12/2010	7	10/19/2010	0	10/19/2010	10/19/2010	NL	N/A	2.26	8/15/2038
Moore Public Works Authority	ORF-10-0012-CW	$6,637,000.00	11	10/12/2010	14	10/26/2010	-15	10/11/2010	++	EL	N/A	2.06	3/15/2033
Oklahoma City Water Utilities Trust	ORF-10-0011-CW	$24,926,727.00	11	10/12/2010	64	12/15/2010	18	1/2/2011	++	EL	N/A	2.77	3/15/2043
Bartlesville Municipal Authority	ORF-10-0004-CW	$1,700,000.00	11	7/13/2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.10	N/A
Bartlesville Municipal Authority *(Withdrawn)*	ORF-10-0004-CW	($1,700,000.00)	11	7/13/2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.10	N/A
Broken Arrow Municipal Authority	ORF-09-0033-CW	$4,680,000.00	11	7/13/2010	372	7/20/2011	++	++	++	EL	N/A	2.35	9/15/2033
Chandler Municipal Authority	ORF-12-0016-CW	$1,175,000.00	12	4/10/2012	45	5/25/2012	35	6/29/2012	++	EL	N/A	1.17	3/15/2023
Elgin Public Works Authority	ORF-10-0005-CW	$3,060,000.00	12	10/17/2011	45	12/1/2011	7	12/8/2011	++	EL	N/A	2.13	9/15/2032
Eufaula Public Works Authority	ORF-11-0009-CW	$4,035,000.00	12	2/13/2012	11	2/24/2012	34	3/29/2012	++	EL	N/A	2.06	8/15/2043
Glenpool Utility Service Authority	ORF-11-0002-CW	$3,740,625.00	12	9/13/2011	38	10/21/2011	19	11/9/2011	++	EL	N/A	2.16	9/15/2032
Muldrow Public Works Authority	ORF-11-0007-CW	$3,705,000.00	12	9/13/2011	63	11/15/2011	20	12/5/2011	++	EL	N/A	2.39	3/15/2041
Muskogee Municipal Authority	ORF-11-0008-CW	$12,775,000.00	12	8/9/2011	14	8/23/2011	++	++	++	EL	N/A	2.27	9/15/2034
Nicoma Park Development Authority	ORF-09-0035-CW	$124,371.96	12	7/12/2011	83	10/3/2011	8	10/11/2011	3/22/2012	EL	N/A	1.72	9/15/2026
Owasso Public Works Authority	ORF-10-0014-CW	$3,115,000.00	12	9/13/2011	65	11/17/2011	27	12/14/2011	++	EL	N/A	2.11	9/15/2032
Tulsa Metropolitan Utility Authority	ORF-11-0005-CW	$16,700,000.00	12	12/13/2011	15	12/28/2011	++	++	++	EL	N/A	2.05	3/15/2034
Tulsa Metropolitan Utility Authority	ORF-12-0003-CW	$4,347,000.00	12	4/10/2012	20	4/30/2012	++	++	++	EL	N/A	1.93	9/15/2034
^^Vian Public Works Authority	ORF-11-0006-CW	$1,555,000.00	12	2/13/2012	++	++	++	++	++	EL	N/A	2.1	2/15/2042
Interim Loan Refinances =		114,963,798.28		**Average Days Between=**	**95**		**22**						
All Other Loans =		924,633,483.65		**Median Days Between=**	**51**		**0**						
Total =		1,039,597,281.93											

E = EQUIVALENCY; N = Non EQUIVALENCY; L=LOANS; R=REFINANCE
++ = HAS NOT YET OCCURRED
* = Estimate/Target Date
% = interest rate does not include 0.5% admin. fee
ARRA = American Recovery and Reinvestment Act of 2009
^^ = Not closed of as June 30, 2012

Attachment 3. Projected Environmental Benefits for FY 2012 CWSRF Loans

PROJECT	Chandler MA	Elgin PWA	Eufaula PWA	Glenpool USA	Muldrow PWA	Muskogee UA	Nicoma Park DA	Owasso PWA	Tulsa MUA	Tulsa MUA	Vian PWA
Project Number	ORF-12-0016	ORF-10-0005	ORF-11-0009-CW	ORF-11-0002	ORF-11-0007	ORF-11-0008	ORF-09-0035	ORF-10-0014	ORF-11-0005	ORF-12-0003	ORF-11-0006
Binding Commitment Year	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
Population	3,100	2,156	2,813	10,808	3,466	39,223	2,393	28,915	391,906	391,906	1,466
Assistance Amount Total	$1,175,000	3,060,000.00	4,035,000.00	3,740,625.00	3,705,000.00	12,775,000.00	124,371.96	3,115,000.00	16,700,000.00	4,347,000.00	1,555,000.00
Waterbody name	Bell Cow Ck.	Trib to Ninemile Beaver Ck.	Eufaula Lake	Arkansas R.	Poague Branch, Little Skin Bayou	Arkansas R.	Choctaw Cr. (through Choctaw Facility)	Skeleton Cr.	Arkansas R. & Bird Ck	Arkansas R.	Vain Ck.
Affected Waterbody I.D.	ok 520700050020_00	ok 311210000130	ok 520500010020_00	ok 120420010010_00	ok 220200	ok 120400010260	ok 520520000030	ok 620910030240	ok 120420010010 ok 121300010010	ok120420010010	ok 220200020130_10
PROJECT TYPE FACTOR											
Consent Order or Enforceable NPDES Permit Schedule		X	X	X	X	X		X	X	X	X
Eliminate or reduce documented health threat or NPDES violation within watershed that is a water supply		X	X	X		X		X	X	X	X
Eliminate or reduce documented health threat or NPDES violation					X						
All other projects sustaining or reducing current degree of treatment, increasing capacity, reliability, or efficiency, reclaim/reuse water, or reduce documented water quality threat	X				X		X				
WATER QUALITY RESTORATION FACTOR											
Affects 303d listed stream	X		X	X		X	X		X	X	
Top-ten NPS Priority Watershed									X	X	
Project implements water quality plan			X	X				X	X	X	
WATER QUALITY PROTECTION FACTOR											
Appendix A water											
Outstanding Resource Water											
High Quality Water											
Sensitive Water Supply											
Scenic River											
Cultural Significance											
Appendix B water											
Waters with recreational and/or ecological significance	X	X	X		X	X	X	X	X	X	X
Source water protection area											
Groundwater vulnerability											
Low			X		X				X	X	
Moderate	X										
High Quality Water											
Very High		X		X		X	X	X	X	X	X

* Approximated Cost Breakout

Attachment 4A. Statement of Sources and Uses of Funds

SOURCES OF FUNDS	2012 TOTALS
EPA/ACH SYSTEM DRAW DOWNS:	
GRANT DRAW DOWNS	23,247,575.81
ARRA DRAWS for loans	1,897,544.62
CASH MATCH DEPOSITS:	
STATE MATCH (above grant draws matched with state funds drawn in 2011)	
No Bond Issue for 2012 (less state match)	
Reserve Release	2,662,198.00
LOANS:	
Interest Earnings	6,967,509.00
Principal Repayments	21,375,648.00
INVESTMENT INCOME-CMP with TREASURER	865,960.00
INVESTMENT INCOME-GIC & Lawton GO Bonds	3,265,419.00
Short-Term Investment Earnings-BancTrust	159,907.00
Transfer to/from Admin Fee Account 445	50,270.00
TOTAL SOURCES	60,492,031.43

USES OF FUNDS	2012 TOTALS
FY 2012 CASH EXPENDITURES:	
PROJECT ASSISTANCE DISBURSED:	
Base Disbursements	94,575,809.00
ARRA Disbursements	1,897,544.62
BOND INTEREST for CWSRF Bonds:	8,422,325.00
BOND PRINCIPAL for CWSRF Bonds:	10,075,000.00
OWRB ADMINISTRATIVE EXPENSES	80,572.58
Trustee Fees BancTrust/Other	51,501.30
Transfer to DWSRF Program	3,000,000.00
TOTAL FY 2012 CASH EXPENDITURES	118,102,752.50

Total Source of Funds for FY 2012	60,492,031.43
Carryover Funds from Prior Years	57,610,721.07
Less Total FY 2012 Expenditures	(118,102,752.50)
Difference of Sources and Uses	0.00

Attachment 4B: AGING SCHEDULE FY 2012

Name of Loan Recipient	Over 30 days
None	$0.00

Attachment 5: Select Binding Commitments with Respect to Federal Payments

This table lists "select binding commitments," those wastewater construction projects that meet the requirements of the federal capitalization grant, including all federal crosscutting laws and authorities. These projects may receive loan proceeds from any source within the CWSRF, including capitalization grant/State matching funds, bond funds, or "2nd round" funds (loan repayments). Refinancing loans are not included on this table.

PROJECT NAME/COMMUNITY SERVED	PROJECT NUMBER	BINDING COMMITMENTS			
		STATE FISCAL YEAR 2012			
		Qtr 1	Qtr 2	Qtr 3	Qtr 4
		FEDERAL FISCAL YEAR 2011	FEDERAL FISCAL YEAR 2012		
		Qtr 4	Qtr 1	Qtr 2	Qtr 3
Select Binding Commitments					
Nicoma Park Development Authority	ORF-09-0035-CW	$351,000.00			
Muskogee Municipal Authority	ORF-11-0008-CW	$12,775,000.00			
Glenpool Utility Services Authority	ORF-11-0002-CW	$3,740,625.00			
Muldrow Public Works Authority	ORF-11-0007-CW	$3,705,000.00			
Owasso Public Works Authority	ORF-10-0014-CW	$3,540,000.00			
Elgin Public Works Authority	ORF-10-0005-CW		$3,150,000.00		
Tulsa Metropolitan Utility Authority	ORF-11-0005-CW		$16,700,000.00		
Eufaula Public Works Authority	ORF-11-0009-CW			$4,035,000.00	
Vian Public Works Authority	ORF-11-0006-CW			$1,555,000.00	
Chandler Municipal Authority	ORF-12-0016-CW				$1,300,000.00
Tulsa Metropolitan Utility Authority	ORF-12-0003-CW				$4,347,000.00
Other Binding Commitments					
N/A					
Program Admin.					
2010 Cap Grant Admin Fee		$80,572.58			
(1) BINDING COMMITMENT TOTALS		$24,192,197.58	$19,850,000.00	$5,590,000.00	$5,647,000.00
(2) ++CUMULATIVE BC	$922,691,944.63	$946,884,142.21	$966,734,142.21	$972,324,142.21	$977,971,142.21
(3) REQUIRED BINDING COMMITMENTS*	$334,998,819.90		$0.00	$0.00	$0.00
(4) CUMULATIVE REQ'D AMOUNT		$334,998,819.90	$334,998,819.90	$334,998,819.90	$334,998,819.90
(5) BC AS A % OF REQ'D BC AMOUNT		283%	289%	290%	292%

* 120% of Federal Payments Lagged by 1 Year
++ includes FY 10 Cap. Grant Admin. Fee
~ = NIMS Adjustments

Attachment 6: ALL BINDING COMMITMENTS WITH RESPECT TO FEDERAL PAYMENTS FOR FEDERAL QUARTERS

FY	QTR	89-02 GRANT PMTS	03 GRANT PMTS	04 GRANT PMTS	05 GRANT PMTS	06 GRANT PMTS	07/08 GRANT PMTS	09 ARRA GRANT PMTS	09/10 GRANT PMTS	2011 GRANT PMTS	TOTAL PMTS	REQ. BINDING COMMIT. REQUIRED	REQ. CUM. BIND. COMMIT. REQUIRED		ACTUAL BINDING COMMIT. ACTUAL	4% ADMIN FEE	CUM BIND. COMMIT. & ADMIN FEE ACTUAL	% OF BIND. COM. REQUIRED
89-02		$167,687,800.00									$167,687,800.00		$188,300,513.80	(a-ww)	$380,328,691.42	$6,707,512.00	$387,036,203.42	206%
03	1st										$167,687,800.00		$188,300,513.80	(xx)	$2,577,000.00		$389,613,203.42	207%
	2nd										$167,687,800.00		$188,300,513.80	(y y)	$2,570,000.00		$392,183,203.42	208%
	3rd										$167,687,800.00	$12,924,846.00	$201,225,359.80	(zz)	$21,279,000.00		$413,462,203.42	205%
	4th										$167,687,800.00		$201,225,359.80	(aaa)	$7,738,500.00		$421,200,703.42	209%
04	1st										$167,687,800.00		$201,225,359.80				$421,200,703.42	209%
	2nd										$167,687,800.00		$201,225,359.80	(bbb)	$10,725,000.00		$431,925,703.42	215%
	3rd										$167,687,800.00		$201,225,359.80	(ccc)	$2,562,303.56		$434,488,006.98	216%
	4th		$10,700,700								$178,388,500.00		$201,225,359.80	(ddd)	$6,889,000.00	$428,028.00	$441,805,034.98	220%
05	1st										$178,388,500.00		$201,225,359.80				$441,805,034.98	220%
	2nd										$178,388,500.00		$201,225,359.80	(eee)	$24,900,000.00		$466,705,034.98	232%
	3rd										$178,388,500.00		$201,225,359.80	(fff)	$13,490,000.00		$480,195,034.98	239%
	4th			$10,720,400							$189,108,900.00	$12,840,840.00	$214,066,199.80	(ggg)	$2,880,000.00	$428,816.00	$483,503,850.98	226%
06	1st										$189,108,900.00		$214,066,199.80	(hhh)	$6,010,700.00		$489,514,550.98	229%
	2nd										$189,108,900.00		$214,066,199.80	(iii)	$5,670,000.00		$495,184,550.98	231%
	3rd										$189,108,900.00		$214,066,199.80	(jjj)	$15,000,000.00		$510,184,550.98	238%
	4th				$8,693,800						$197,802,700.00	$12,864,480.00	$226,930,679.80	(kkk)	$2,321,707.04	$347,752.00	$512,854,010.02	226%
07	1st										$197,802,700.00		$226,930,679.80	(lll)	$22,475,000.00		$535,329,010.02	236%
	2nd										$197,802,700.00		$226,930,679.80	(mmm)	$2,035,000.00		$537,364,010.02	237%
	3rd										$197,802,700.00		$226,930,679.80	(nnn)	$14,940,000.00		$552,304,010.02	243%
	4th					$7,046,300					$204,849,000.00	$10,432,560.00	$237,363,239.80	(ooo)		$281,852.00	$552,585,862.02	233%
08	1st										$204,849,000.00		$237,363,239.80	(ppp)	$5,565,000.00		$558,150,862.02	235%
	2nd										$204,849,000.00		$237,363,239.80	(qqq)	$5,230,000.00		$563,380,862.02	237%
	3rd										$204,849,000.00		$237,363,239.80	(rrr)	$21,505,000.00		$584,885,862.02	246%
	4th										$204,849,000.00	$8,455,560.00	$245,818,799.80	(sss)	$2,050,000.00		$586,935,862.02	239%
09	1st										$204,849,000.00		$245,818,799.80	(ttt)			$586,935,862.02	239%
	2nd						$14,087,400				$218,936,400.00		$245,818,799.80	(uuu)	$11,320,000.00	$563,496.00	$598,819,358.02	244%
	3rd							$31,662,100			$250,598,500.00		$245,818,799.80	(vvv)	$38,378,482.00	$1,266,484.00	$638,464,324.02	260%
	4th										$250,598,500.00	$48,566,980.00	$294,385,779.80	(www)	$61,341,378.00		$699,805,702.02	238%
10	1st										$250,598,500.00		$294,385,779.80	(xxx)	$24,340,295.90		$724,145,997.92	246%
	2nd										$250,598,500.00		$294,385,779.80	(yyy)			$724,145,997.92	246%
	3rd										$250,598,500.00		$294,385,779.80	(zzz)	$116,864,500.00		$841,010,497.92	286%
	4th								$21,914,200		$272,512,700.00	$26,297,040.00	$320,682,819.80	(aaaa)	$7,435,000.00	$3,597.42	$848,449,095.34	265%
11	1st										$272,512,700.00		$320,682,819.80	(bbbb)	$64,587,000.00		$913,036,095.34	285%
	2nd										$272,512,700.00		$320,682,819.80	(cccc)	$7,445,000.00		$920,481,095.34	287%
	3rd									$11,930,000	$284,442,700.00		$320,682,819.80	(dddd)	$25,365,000.00	$233,341.46	$946,079,436.80	295%
	4th										$284,442,700.00	$14,316,000.00	$334,998,819.80	(eeee)	$24,111,625.00	$80,572.58	$970,271,634.38	290%
12	1st										$284,442,700.00		$334,998,819.80	(ffff)	$19,850,000.00		$990,121,634.38	296%
	2nd										$284,442,700.00		$334,998,819.80	(hhhh)	$5,590,000.00		$995,711,634.38	297%
	3rd										$284,442,700.00		$334,998,819.80	(iiii)	$5,647,000.00		$1,001,358,634.38	299%
	4th																	

Attachment 6 : ALL BINDING COMMITMENTS WITH RESPECT TO FEDERAL PAYMENTS FOR FEDERAL QUARTERS

KEY

(a)
(b)
(c) TMUA

(d) TMUA,

(e) TMUA

(f)

(g) Guymon
(h) Muskogee
(i) Beaver, Marietta, Dewey
(j) Nicoma Park
(k)
(l) Norman, Bethany-Warr Acres
(m) Ponca City
(n) Duncan
(o) Ponca City Inc., Henryetta
(p) TMUA-21
(q) Washington
(r) Chandler
(s) Shawnee, Tonkawa
(t) Harrah, Kiefer
(u) Broken Arrow, Haileyville, Kiefer
(v)Marlow, Glenpool, Skiatook
(w) Fairfax
(x) Owasso, Pittsburg, Ponca City, TMUA
(y) Helena, Halleyville Inc., Rush Springs
(z)Broken Arrow, Enid, Locust Grove, Vinita
(aa) Inola, Muskogee
(bb) Beaver, Poteau, Woodward,
(cc) Gerinimo, Broken Arrow, Fort Gibson, Warner
(dd) Checotah, Perry, Tulsa,
(ee)
(ff) Okemah, Norman, Ft Gibson Inc., Grayson, Bromide, Tishomingo, TMUA Part Ref. Perry Inc.
(gg) Bixby, Wagoner RWD #4, TMUA
(hh) Wagoner#4 Inc.
(ii)El Reno

(jj) BAMA 98-012, Shattuck

(kk) Warner Inc., Stillwell, Lawton

(ll) Stillwell Inc., BigCabin, Haskell

(mm) Owasso, Vian, Ft. Gibson
(nn) Duncan, Rogers RSD#1, Vian Inc.
(oo) Jay

(pp) Jay Inc., Pocola, Rogers RSD#1 Inc., Duncan Inc., Hobart, Enid

(qq) TMUA, Spiro, Antlers, Grand Lake, Stillwater, Sand Springs

(rr) Grand Lake Inc., Foyil, Prague, Hobart Inc.
(ss) Owasso, Lawton, Durant,Collinsville, ElReno, Cushing, Antlers Inc.
(tt) Miami, Durant Inc., Westville
(uu) TMUA, Arkoma
(v v) Tonkawa, McCurtain, Morris, Sulphur
(ww) Tonkawa
(xx) Bartlesville, Commerce, Westville Inc.
(yy) Tulsa
(zz) Tulsa, Enid, Grove, Grand Lake
(aaa) Tourism, Oologah
(bbb) Tulsa
(ccc) Guthrie, Henryetta
(ddd) Anadarko, Harrah, Vinita
(eee) Adrmore, Tulsa
(fff) Lawton, Sand Springs
(ggg) Stroud, Vinita Inc., Pauls Valley
(hhh) Tishomingo, Chouteau, Glencoe, Sand Springs
(iii) Tulsa, Noble
(jjj) Broken Arrow
(kkk) Tishomingo MA (Increase), Calera PWA
(lll) Tulsa MA, McLoud PWA
(mmm) Collinsville, McLoud PWA (Increase)
(nnn) Lawton WA, Woodward MA, Beggs, Hobart
(ooo)
(ppp) Ponca City UA
(qqq) Bethany PWA, Hobart PWA (Increase)

(rrr) Guymon UA, Roland UA, Tulsa MUA Non Point Source/CREP
(sss) Beggs PWA (increase)
(ttt)
(uuu) Tulsa MUA
(vvv) Mustang IA, Tulsa MUA, Moore PWA, Norman UA, Harrah PWA, Pawnee PWA, Adair MA, Perkins PWA
(www) Sperry USA (increase), Duncan PUA, Sperry USA, Poteau VIA, Collinsville MA, COMCD, COMCD, Ponca City UA, Grand Lake PWA, Ardmore PWA, Del City MSA, Muskogee MA, Grove MSA, Owasso PWA, OCC, Stillwater UA, Piedmont MA, Owasso PWA, OKC WUT, Lawton WA, Owasso PWA
(xxx) OCC, Tulsa Co. Libraries, El Reno MA, Poteau VIA (increase), COMCD (increase), Guymon UA, OCC, Walters PWA, Henryetta MA, Sapulpa MA, Sulphur MA

(yyy)
(zzz) Enid MA, Hobart PWA, Okmulgee MA, TMUA, Moore
(aaaa) Bartlesville MA, Broken Arrow MA

(bbbb) Calera PWA, Moore PWA, OKC WUT, Okemah UA, Fairview UA, Guthrie PWA, Okmulgee MA, Pawnee PWA, Stroud UA

(cccc) Bixby PWA, Inola PWA, Yale WST
(dddd) Fort Gibson UA, Tulsa MUA, Yale W&ST (increase), Pawnee PWA (increase)
(eeee) Nicoma Park DA, Muskogee MA, Glenpool USA, Muldrow PWA, Owasso PWA
(ffff) Elgin PWA, Tulsa MUA
(hhhh) Eufaula PWA, Vian PWA
(iiii) Chandler MA, Tulsa MUA

Attachment 7: SELECT DISBURSEMENTS ($000)

	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	CUMM.
	1990-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTALS
SELECT DISBURSEMENTS*	162,579	9,050	16,866	12,949	0	7,174	15,516	8,555	12,416	1,000	24,593	36,081	25,145	469,019
2012 CUMULATIVE TOTALS	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LOC AVAILABLE (BEGINNING)**	243,041	21,744	14,741	17,587	0	0	8,499	14,925	13,416	1,000	45,749	45,751	27,746	n/a
2012 LOC DEPOSITS	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CASH DRAW FROM LOC	135,174	7,003	14,717	10,794	0	2,202	12,988	8,555	12,416	1,000	21,912	29,935	25,145	391,587
CUMULATVE DRAWS FROM LOC	135,174	142,177	156,894	167,688	167,688	169,890	182,878	191,433	203,849	204,849	226,761	256,696	281,841	256,696
LOC AVAILABLE (ENDING)	107,867	14,741	10,794	0	0	8,499	6,231	6,370	1,000	0	23,837	15,816	2,601	n/a
STATE SHARE	27,405	2,047	2,149	2,155	0	4,972	2,528	0	0	0	0	5,915	0	n/a
2012 CUMULATIVE STATE SHARE	27,405	29,452	31,602	33,756	33,756	38,728	41,256	41,256	41,256	41,256	41,256	47,171	47,171	47,171
CUMULATIVE LOC DRAW AS % OF DISBURSEMENT****	83%	83%	83%	83%	83%	81%	82%	82%	83%	83%	85%	84%	86%	84%

*Select disbursements include program administration and disbursements to "equivalency" projects which met the terms of the cap grant.

**Beginning LOC Available consists of previous year's ending balance and LOC deposits made during the year.

***FY 97 was a 9 month reporting period for the CWSRF due to change in reporting from federal to state fiscal year.

****ARRA federal funds did not require a state match-caused the % to exceed 83%

Attachment 8A. CWSRF Loan Assistance by State Fiscal Year

PART 1. Binding Commitments by Clean Water Act Section 212 "Needs Category"

This exhibit lists construction projects from communities that have entered into an agreement, or "binding commitment," with the OWRB to receive CWSRF financial assistance. The binding commitment is a legal obligation by the State to the local recipient that reserves adequate funds for the project and defines the terms and the timing of receiving loan assistance. The various Clean Water Act, Section 212 "needs" categories provide a breakdown of types of wastewater projects, including wastewater treatment, collection, and stormwater activities.

COMMUNITY SERVED	PROJECT NUMBER	BINDING COMMITMENT YEAR	ASSISTANCE AMOUNT	POPULATION	CATEGORY I Secondary Treatment	CATEGORY II Advanced Treatment	CATEGORY IIIA Infiltration/Inflow Correction	CATEGORY IIIB Sewer Replace/ Major Rehab.	CATEGORY IVA New collector sewer system	CATEGORY IVB New Interceptor Sewer System	CATEGORY V[1] CS Overflow Correction	CATEGORY VI Stormwater Activities
TULSA MUA (1st)	40106814	90-1	11,100,000.00	100,000						11100000.00		
TULSA MUA (2nd)	40106820	91-1	15,559,500.00	100,000	15559500.00							
GUYMON	40082621	92-1	300,000.00	7,803		300000.00						
MUSKOGEE (1st)	40110811	92-2	11,553,000.00	37,708	11553000.00							
DEWEY	40111403	92-3	1,450,000.00	3,326	1209500.00					240500.00		
BEAVER (1st)	40110103	92-4	844,000.00	1,584		844000.00						
MARIETTA	40110403	92-5	800,000.00	2,306		675602.40			124397.60			
NICOMA PARK	40114003	93-1	1,445,000.00	2,353					708000.00	737000.00		
NORMAN (1st)	40089941	93-2	6,800,000.00	80,071						6800000.00		
BETHANY/WA	40111003	93-3	9,523,800.00	29,363		9523800.00						
PONCA CITY (1st)	40113011	94-1	5,681,000.00	26,359	5681000.00							
MARIETTA (DEC)	40110403	94	(155,833.73)	2,306		(131602.05)			(24231.68)			
TMUA (3rd)	40106821	94-2	20,994,611.00	+100,000	20994611.00							
DUNCAN (1st)	40113603	94-3	9,400,000.00	21,732				9400000.00				
HENRYETTA (1st)	40111903	94-4	4,765,000.00	5,872		4765000.00						
WASHINGTON	40114103	95-1	410,000.00	279	329000.00					81000.00		
SHAWNEE	40115411	95-2	3,048,000.00	26,017	1920240.00					1127760.00		
TONKAWA (1st)	40115903	95-4	350,000.00	3,127						350000.00		
HARRAH	40117403	95-5	1,400,000.00	4,206					528000.00	872000.00		
HAILEYVILLE	40115803	96-1	419,000.00	918	419000.00							
BAMA (1st)	40115003	96-2	3,925,000.00	58,043	3925000.00							
KIEFER*	40116103	96-3	320,000.00	962	320000.00							
MARLOW	40117703	96-4	3,925,000.00	4,416	3500000.00					425000.00		
GLENPOOL	ORF-95-006	96-5	3,751,300.00	6,688	3475000.00			276300.00				
SKIATOOK	40112003	96-6	600,000.00	4,970					600000.00			
FAIRFAX	40117103	96-7	882,000.00	1,749	882000.00							
OWASSO (1st)	40114611	96-8	2,410,000.00	11,151	2410000.00							
PITTSBURG	40116003	96-9	105,000.00	305		105000.00						
PONCA CITY (2nd)	40113021	96-10	18,680,000.00	26,359	18680000.00							
TULSA MUA (4th)	40118211	96-11	4,000,000.00	+100,000				4000000.00				
HELENA	40118503	97-1	440,000.00	500	440000.00							
HARRAH (DEC.)	40117403	97	(20,435.66)	4,206						(20435.66)		
RUSH SPRINGS	40118303	97-2	605,150.00	1,420		203875.04			401274.97			
ENID (1st)	40118411	97-3	8,200,000.00	47,151						8200000.00		
BAMA (HAIKEY) (2nd)	40117011	97-4	2,820,000.00	58,043	2820000.00							
CHANDLER (INC.)	40113403	97	2,502,619.00	2,596		2502619.00						
HENRYETTA (DEC.)	40111911	97	(66,189.73)	5,872		(66189.73)						
HENRYETTA (2nd)	40111990	97-5	173,693.92	5,872		173693.92						
OWASSO (DEC.)	40114611	97	(890,000.00)	11,151	(890000.00)							
LOCUST GROVE	40118003	97-6	1,835,000.00	1,430		1835000.00						
VINITA	40117611	97-7	1,900,000.00	5,835		1653000.00		247000.00				
INOLA	40119211	97-8	625,000.00	1,450	625000.00							
MUSKOGEE (2nd)	40110841	97-9	14,112,000.00	37,708	14112000.00							
BEAVER -ARB.(2nd)	40110190	97-10	376,673.77	1,584		376673.77						
POTEAU	40113903	97-11	2,335,000.00	7,500	2335000.00							
KIEFER (DEC)	40116103	97	(15,907.88)	962	(15907.88)							
PONCA CITY (DEC)	40113011	97	(1,131,028.55)	26,359	(1131028.55)							
GERONIMO	40118603	98-1	395,000.00	990	395000.00							
WARNER	40121903	98-2	177,016.00	1,479						177016.00		
FORT GIBSON (1st)	40121903	98-3	445,100.00	3,559	445100.00							
BAMA (REF.BONDS-3rd)	40117090	98-4	1,079,599.46	58,043	1079599.46							
CHECOTAH	40119503	98-5	3,025,000.00	3,290	3025000.00							
PERRY	40120203	98-6	950,000.00	4,978	950000.00							
TULSA MUA-REHAB. (5th)	ORF-97-015	98-7	12,900,000.00	367,302	1617635.00			6723337.00		4559028.00		
NORMAN (2nd)	ORF-97-006	98-8	4,850,000.00	80,071		4850000.00						
GRAYSON	40120303	98-9	94,910.70	66	29087.00				65823.70			
BROMIDE	40120803	98-10	103,575.00	162	21751.00				81824.00			
TISHOMINGO	40119303	98-11	1,353,726.70	3,116	1353726.70							
OKEMAH	40118803	98-12	3,300,000.00	3,085		2643142.00		656858.00				
TULSA MUA (Part Ref. 6th)	40106893	98-13	302,763.00	367,302	302763.00							
RUSH SPRINGS(DEC)	40118303	98	(21,004.49)	1,420		(7076.41)			(13928.08)			
SHAWNEE (DEC)	40115411	98	(317,133.27)	26,017	(317133.27)							
FAIRFAX (DEC)	40117103	98	(18.68)	1,749	(18.68)							
SKIATOOK(DEC)	40112003	98	(106,763.83)	4,910						(106763.83)		
DUNCAN (DEC)	40113603	98	(223,295.06)	21,732				(223295.06)				
HELENA (DEC.)	40118503	98	(17,021.52)	500	(17021.52)							
KIEFER (DEC)	40116103	98	(37.82)	962	(37.82)							
FT. GIBSON (DEC)	ORF-97-011	99	(13,503.44)	3,559	(13503.44)							
BIXBY	ORF-96-008	99-1	4,938,787.00	9,900						4938787.00		
WAGONER #4	ORF-96-012	99-2	6,752,000.00	2,100	390958.00				2562212.00	3798830.00		
TULSA MUA (7th)	ORF-98-007	99-3	17,035,000.00	367,302				17035000.00				
EL RENO (1st)	ORF-97-008	99-4	1,317,000.00	15,414		279575.00				1037425.00		
GRAYSON (DEC)	ORF-97-018	99	(18,928.65)	66	7384.38				(33911.24)	7598.21		
BROMIDE (DEC)	ORF-97-012	99	(1,359.09)	130	8913.77				(22538.77)	12265.91		
SHATTUCK	ORF-97-002	99-5	500,000.00	1,454		500000.00						
OWASSO(REF.PART)	ORF-99-008	99-6	375,428.92	11,151	375428.92							
BAMA (4th)	ORF-98-012	99-7	945,000.00	58,043						945000.00		
STILWELL	ORF-98-010	2000-1	3,807,449.79	2,663		3807449.79						
OWASSO (2nd)	ORF-98-013	2000-2	2,573,837.57	11,151		2573837.57						
BIG CABIN	ORF-98-016	2000-3	436,000.00	271	436000.00							
LAWTON (1st)	ORF-98-015	2000-4	9,570,000.00	80,561				9570000.00				
HASKELL	ORF-99-015	2000-5	272,251.33	2,143						272251.33		
WARNER (INC.)	ORF-96-002	2000	80,984.00	1,479						80984.00		
CHECOTAH (DEC)	ORF-97-016	2000	(61,856.25)	3,290	(61856.25)							
MUSKOGEE (DEC)	ORF-96-017	2000	(224,055.27)	37,708	(224055.27)							
PONCA CITY (DEC)	ORF-96-009	2000	(1,612,899.39)	26,359	(1612899.39)							
FT. GIBSON (2nd)	ORF-99-017	2000-6	683,262.50	3,559	683262.50							
VIAN	ORF-98-017	2000-7	1,100,000.00	1,414	1100000.00							
DUNCAN (2nd)	ORF-99-005	2000-8	9,267,050.00	21,732		9267050.00						
BROMIDE (DEC)	ORF-97-012	2000	(3,520.06)	130	(1056.30)				(2041.74)	(422.02)		
ROGER CO.RSD1	ORF-99-002	2001-9	630,000.00	1,500						630000.00		
JAY UA	ORF-99-011	2001-1	3,734,451.63	2,220		3734451.63						
GRAYSON (DEC)	ORF-97-018	2001	(133.11)	66	(63.96)				(55.95)	(13.20)		
INOLA (DEC.)	ORF-96-014	2001	(121.95)	1,450	(121.95)							
EL RENO (DEC)	ORF-97-008	2001	(35,454.37)	15,414						(35454.37)		
POCOLA	ORF-98-014	2001-2	760,000.00	3,664	591280.00					168720.00		
WARNER (DEC.)	ORF-96-002	2001	(11,850.23)	1,479						(11850.23)		
SPIRO	ORF-99-010	2001-3	795,000.00	2,146		685290.00		109710.00				
ENID MA (2nd)	ORF-00-013	2001-4	2,700,000.00	58,043						2700000.00		
HOBART	ORF-00-007	2001-5	190,930.77	4,305						190930.77		
ANTLERS	ORF-99-014	2001-6	16,328.78	2,524					16328.78			

Attachment 8A. CWSRF Loan Assistance by State Fiscal Year

PART 1. Binding Commitments by Clean Water Act Section 212 "Needs Category"

This exhibit lists construction projects from communities that have entered into an agreement, or "binding commitment," with the OWRB to receive CWSRF financial assistance. The binding commitment is a legal obligation by the State to the local recipient that reserves adequate funds for the project and defines the terms and the timing of receiving loan assistance. The various Clean Water Act, Section 212 "needs" categories provide a breakdown of types of wastewater projects, including wastewater treatment, collection, and stormwater activities.

COMMUNITY SERVED	PROJECT NUMBER	BINDING COMMITMENT YEAR	ASSISTANCE AMOUNT	POPULATION	CATEGORY I Secondary Treatment	CATEGORY II Advanced Treatment	CATEGORY IIIA Infiltration/Inflow Correction	CATEGORY IIIB Sewer Replace/ Major Rehab.	CATEGORY IVA New collector sewer system	CATEGORY IVB New Interceptor Sewer System	CATEGORY V[1] CS Overflow Correction	CATEGORY VI Stormwater Activities
TULSA MUA (8th)	ORF-00-014	2001-7	4,000,000.00	367,302	4000000.00							
GRAND LAKE PWA	ORF-99-0022	2001-8	2,700,000.00	1,432		1647000.00				1053000.00		
STILLWATER	ORF-00-0018	2001-9	20,280,000.00	36,676		20280000.00						
SAND SPRINGS	ORF-00-010	2001-10	6,167,095.00	15,346	6167095.00							
FOYIL	ORF-98-009	2001-11	269,520.00	210		145540.80			61989.60	61989.60		
GLENPOOL (DEC)	ORF-95-006	2001	(35,790.37)	6,688	(33285.04)			(2505.33)				
PRAGUE	ORF-97-005	2001-12	1,650,000.00	2,308				1650000.00				
OWASSO PWA (3rd)	ORF-01-0004	2002-1	2,216,044.69	11,151		2216044.69						
COLLINSVILLE	ORF-99-0019	2002-2	897,423.90	3,612	318780.00			578643.90				
LAWTON WA (2nd)	ORF-01-0005	2002-3	5,827,307.00	80,561				5827307.00				
VIAN PWA (Decrease-Final)	ORF-98-0017	2002	(67,163.87)	1,414	(67163.87)							
DURANT CITY MA	ORF-00-0002	2002-4	16,060,000.00	12,823		16060000.00						
EL RENO MA (2nd)	ORF-00-0005	2002-5	1,919,995.48	15,414		1919995.48						
CUSHING MA	ORF-00-0003	2002-6	6,500,000.00	7,218		6500000.00						
MIAMI SUA	ORF-00-0011	2002-7	8,950,000.00	13,142		8950000.00						
WESTVILLE UA	ORF-99-0020	2002-8	430,400.00	1,049					210896.00	219504.00		
ARKOMA	ORF-01-0010	2002-9	355,000.00	2,393				120392.00		234608.00		
TULSA MUA (9th)	ORF-02-0002	2002-10	3,250,000.00	367,302				3250000.00				
TULSA MUA (Dec.-Final)	ORF-98-0007	2002	(2,945.00)	367,302				(2945.00)				
TONKAWA (2nd)	ORF-02-0008	2002-11	526,198.20	3,127		526198.20						
McCURTAIN	ORF-01-0009	2002-12	41,931.00	465		0.00			41931.00			
MORRIS	ORF-01-0003	2002-13	1,650,000.00	1,216	624513.18			504389.21		521097.61		
SULPHUR	ORF-01-0008	2002-14	1,013,651.52	4,824				1013651.52				
GRAND LAKE PWA	ORF-02-0020	2003-1	800,000.00	1,432		800000.00						
PRAGUE (Dec. Final)	ORF-97-005	2003	(250.00)	2,308				(250.00)				
COMMERCE	ORF-02-0010	2003-2	577,000.00	2,645				577000.00				
TONKAWA (3rd-I-35)	ORF-97-0007	2003-3	1,070,000.00	3,127						1070000.00		
GROVE	ORF-02-0003	2003-4	7,500,000.00	5,131		7500000.00						
DUNCAN (2nd) (Dec. Final)	ORF-99-005	2003	(251,104.17)	21,732		(251104.17)						
BARTLESVILLE	ORF-02-0013	2003-5	1,418,245.00	34,748						1418245.00		
ENID MA (Bio-solids)	ORF-02-0007	2003-6	2,700,000.00	47,045		2700000.00						
TULSA MUA	ORF-03-0002	2003-7	2,570,000.00	393,049	899500.00			1670500.00				
TULSA MUA	ORF-03-0008	2003-8	10,200,000.00	393,049	3000000.00			7200000.00				
Oologah MA	ORF-03-0006	2004-4	543,500.00	970		543500.00						
Henryetta MA (Ref. RD debt)	ORF-04-0004	2004-1	1,955,000.00	6,096	1955000.00							
Guthrie	ORF-02-0009	2004-2	607,000.00	9,925		607000.00						
Sand Springs (Dec. Final)	ORF-00-0010	2004	(481,979.23)	17,451	(481979.23)							
Tulsa MUA	ORF-04-0002	2004-3	10,725,000.00	393,049	589875.00	9652500.00		107250.00		375375.00		
OK Tourism and Recreation Com	ORF-03-0013	2004-5	7,195,000.00	Statewide	3093850.00			3525550.00		575600.00		
Harrah	ORF-03-0014	2005-2	2,220,000.00	4,719		2220000.00						
Vinita	ORF-04-0005	2005-1	1,290,000.00	6,472				295544.58	994455.42			
Anadarko	ORF-03-0009	2005-3	3,500,000.00	6,645	3500000.00							
Sand Springs	ORF-05-0002	2005-6	2,245,985.75	17,451						2245985.75		
Ardmore	ORF-04-0006	2005-5	17,000,000.00	23,711		17000000.00						
Lawton	ORF-04-0012	2005-7	10,815,000.00	92,757			10815000.00					
Tulsa	ORF-04-0014	2005-4	7,900,000.00	393,049	5372000.00	2133000.00		395000.00				
Spiro	ORF-99-010	2005	(19,963.06)	2,227		(17208.16)		(2754.90)				
Foyil	ORF-98-009	2005	(269,520.00)	234		(145540.80)			(61989.60)	(61989.60)		
Arkoma	ORF-01-0010	2005	(67,636.33)	2,180				(22937.67)		(44698.66)		
Stillwater	ORF-00-0018	2005	(7,589.63)	39,065		(7589.63)						
Broken Arrow MA	ORF-05-0006	2006	15,000,000.00	74,859	15000000.00							
Chouteau PWA *(Withdrawn)*	ORF-04-0009	2006	0.00	1,931	0.00							
Glencoe PWA	ORF-05-0003	2006	170,000.00	583			85000.00	85000.00				
Pauls Valley MA	ORF-04-0013	2006	900,000.00	6,256	531000.00			369000.00				
Noble UA (Ref.)	ORF-06-0004	2006	2,540,000.00	5,260	2040890.00					499110.00		
Sand Springs MA	ORF-05-0010	2006	2,250,000.00	17,451					2250000.00			
Stroud UA	ORF-05-0004	2006	1,693,370.01	2,758	123500.00			1569870.01				
Tishomingo MA	ORF-04-0003	2006	1,115,000.00	3,162				1115000.00				
Tulsa MUA	ORF-05-0009	2006	3,130,000.00	393,049	2159700.00			594700.00		375600.00		
Big Cabin (Dec.)	ORF-98-016	2006	(129,459.46)	293	(129459.46)							
Guthrie PWA (Dec.)	ORF-02-0009	2006	(3,441.88)	9,925		(3441.88)						
ENID MA (Bio-solids)	ORF-02-0007	2006	(2,700,000.00)	47,045		(2700000.00)						
Miami SUA (Dec.)	ORF-00-0011	2006	(26,559.79)	13,704		(26559.79)						
Tulsa MUA (Dec.)	ORF-02-0002	2006	(2,946.29)	393,049				(2946.29)				
Beggs PWA	ORF-05-0005	2007	2,170,000.00	1,364		2170000.00						
Calera PWA	ORF-06-0003	2007	0.00	1,739	0.00				0.00			
Collinsville MA	ORF-06-0009	2007	1,370,000.00	4,077	1370000.00							
Hobart PWA	ORF-06-0005	2007	1,040,000.00	3,997		145808.00		428168.00	466,024.00			
Lawton WA	ORF-07-0003	2007	10,420,000.00	92,757			10420000.00					
McLoud PWA	ORF-04-0008	2007	5,315,000.00	3,548	5315000.00							
Tulsa MUA	ORF-06-0006	2007	17,825,000.00	393,049	8912500.00			8912500.00				
Woodward MA	ORF-07-0001	2007	1,400,000.00	11,853					1400000.00			
Ardmore	ORF-04-0006	2007	(217,866.51)	23,711		(217866.51)						
Sand Springs MA	ORF-05-0010	2007	(129,175.32)	17,451					(129175.32)			
Vinita	ORF-04-0005	2007	(107,254.09)	6,472				(24572.38)	(82681.71)			
TULSA MUA	ORF-03-0002	2007	(6,183.63)	393,049	(2164.27)			(4019.36)				
TULSA MUA	ORF-03-0008	2007	(558,400.94)	393,049	(164235.57)			(394165.37)				
Tulsa MUA	ORF-04-0002	2007	(1,044,257.59)	393,049	(57434.17)	(939831.83)		(10442.58)		(36,549.02)		
Oologah MA	ORF-03-0006	2007	(12,667.52)	883		(12,667.52)						
Bethany PWA	ORF-05-0011	2008	5,140,000.00	20,307				5,140,000.00				
Guymon UA	ORF-08-0001	2008	16,400,000.00	10,472		16,400,000.00						
Ponca City UA	ORF-07-0006	2008	5,565,000.00	25,919				5,565,000.00				
Roland UA	ORF-08-0003	2008	3,855,000.00	2,842		$3,855,000.00						
Tishomingo MA	ORF-04-0003-CW	2006	-664.75	3,162				(664.75)				
Beggs PWA	ORF-05-0005-CW	2007	2,050,000.00	1,364		2,050,000.00						
Collinsville MA	ORF-06-0009-CW	2007	-53,002.25	4,077	(53,002.25)							
Lawton WA	ORF-07-0003-CW	2007	-2,415,387.82	92,757			(2,415,387.82)					
Pawnee PWA	ORF-08-0005-CW	2009	1,275,000.00	2,230				1,275,000.00				
Moore PWA	ORF-08-0002-CW	2009	$3,943,482.00	41,138		3,943,482.00						
Mustang IA	ORF-08-0006-CW	2009	6,590,000.00	13,165		6,590,000.00						
Adair MA	ORF-08-0007-CW	2009	1,400,000.00	704	1,400,000.00							
Harrah PWA	ORF-08-0008-CW	2009	1,930,000.00	4,719				1,930,000.00				
Tulsa MUA	ORF-09-0001-CW	2009	11,320,000.00	393,049	7,018,400.00	3,396,000.00	491,288.00			414,312.00		
Perkins PWA	ORF-09-0002-CW	2009	7,225,000.00	2,272		7,225,000.00						
Norman Utilities Authority	ORF-09-0017-CW	2009	$7,640,000.00	95,694				7,640,000.00				
Tulsa MUA	ORF-09-0006-CW	2009	$7,350,000.00	393,049		$7,350,000.00						

Attachment 8A. CWSRF Loan Assistance by State Fiscal Year

PART 1. Binding Commitments by Clean Water Act Section 212 "Needs Category"

This exhibit lists construction projects from communities that have entered into an agreement, or "binding commitment," with the OWRB to receive CWSRF financial assistance. The binding commitment is a legal obligation by the State to the local recipient that reserves adequate funds for the project and defines the terms and the timing of receiving loan assistance. The various Clean Water Act, Section 212 "needs" categories provide a breakdown of types of wastewater projects, including wastewater treatment, collection, and stormwater activities.

COMMUNITY SERVED	PROJECT NUMBER	BINDING COMMITMENT YEAR	ASSISTANCE AMOUNT	POPULATION	CATEGORY I Secondary Treatment	CATEGORY II Advanced Treatment	CATEGORY IIIA Infiltration/Inflow Correction	CATEGORY IIIB Sewer Replace/ Major Rehab.	CATEGORY IVA New collector sewer system	CATEGORY IVB New Interceptor Sewer System	CATEGORY V[1] CS Overflow Correction	CATEGORY VI Stormwater Activities
Ardmore Public Works Authority	ORF-09-0018-CW	2010	$1,090,000.00	23,711						1,090,000.00		
Collinsville Municipal Authority	ORF-09-0009-CW	2010	$550,000.00	4,077	550,000.00							
Del City Municipal Services Authority	ORF-09-0022-CW	2010	$1,190,000.00	22,128		1,190,000.00						
Duncan Public Utilities Authority	ORF-09-0016-CW	2010	$340,000.00	21,732				340,000.00				
El Reno Municipal Authority	ORF-09-0025-CW	2010	$204,493.29	16,212			204,493.29					
Enid Municipal Authority	ORF-09-0019-CW	2010	$39,900,000.00	47,045		39,900,000.00						
Grand Lake Public Works Authority	ORF-09-0004-CW	2010	$992,500.00	4,958			992,500.00					
Grove Municipal Services Authority	ORF-07-0008-CW	2010	$1,900,000.00	5,131		1,900,000.00						
Guymon Utilities Authority	ORF-09-0013-CW	2010	$1,335,000.00	10,472		1,335,000.00						
Henryetta Municipal Authority	ORF-09-0029-CW	2010	$3,650,000.00	6,096				3,650,000.00				
Hobart Public Works Authority	ORF-07-0007-CW	2010	$570,000.00	3,997					570,000.00			
Lawton Water Authority	ORF-09-0015-CW	2010	$12,270,000.00	92,757		6,162,350.00		6,107,650.00				
Moore Public Works Authority	ORF-08-0002-CWA	2010	$42,837,500.00	41,138	42,837,500.00							
Muskogee Municipal Authority	ORF-09-0020-CW	2010	$1,435,000.00	38,310				1,435,000.00				
Oklahoma City Water Utilities Trust	ORF-09-0021-CW	2010	$9,469,450.64	506,132				9,469,450.64				
Okmulgee Municipal Authority	ORF-09-0012-CW	2010	$5,100,000.00	13,022			5,100,000.00					
Owasso Public Works Authority	ORF-09-0003-CW	2010	$10,795,000.00	18,502	10,795,000.00							
Owasso Public Works Authority	ORF-09-0007-CW	2010	$4,510,000.00	18,502		4,510,000.00						
Owasso Public Works Authority	ORF-09-0003-CWA	2010	$1,785,000.00	18,502								1,785,000.00
Piedmont Municipal Authority	ORF-09-0014-CW	2010	$2,515,000.00	3,650					2,515,000.00			
Ponca City Utility Authority	ORF-09-0011-CW	2010	$575,000.00	25,919				575,000.00				
Sapulpa Municipal Authority	ORF-09-0010-CW	2010	$3,969,114.00	19,166						3,969,114.00		
Sapulpa Municipal Authority	ORF-09-0010-CW	2010	($3,969,114.00)	19,166						(3,969,114.00)		
Sperry Utility Service Authority	ORF-09-0023-CW	2010	$390,000.00	981	390,000.00							
Stillwater Utilities Authority	ORF-09-0024-CW	2010	$1,875,000.00	39,065	$308,918		408,385.00	818,925.00				338,772.00
Sulphur Municipal Authority	ORF-09-0030-CW	2010	$10,200,000.00	4,794		10,200,000.00						
Tulsa Metropolitan Utility Authority	ORF-10-0001-CW	2010	$27,757,000.00	393,049				27,757,000.00				
Walters Public Works Authority	ORF-09-0005-CW	2010	$1,326,407.00	2,657						1,326,407.00		
Fort Gibson Utilities Authority	ORF-11-0004-CW	2011	$980,000.00	4,054	980,000.00							
Tulsa Metropolitan Utility Authority	ORF-11-0003-CW	2011	$23,480,000.00	393,049		23,480,000.00						
Yale Water and Sewage Trust	ORF-11-0001-CW	2011	$2,990,000.00	1,342		2,990,000.00						
Bixby Public Works Authority	ORF-10-0006-CW	2011	$2,860,000.00	13,336	525,500.15			499,000.00		1,271,864.00		563,635.85
Inola Public Works Authority	ORF-06-0011-CW	2011	$2,000,000.00	1,589				888,888.89		1,111,111.11		
Fairview Utilities Authority	ORF-10-0009-CW	2011	$1,980,000.00	2,733				1,980,000.00				
Guthrie Public Works Authority	ORF-10-0008-CW	2011	$4,375,000.00	9,925				4,375,000.00				
Okmulgee Municipal Authority	ORF-10-0013-CW	2011	$650,000.00	13,022				650,000.00				
Pawnee Public Works Authority	ORF-10-0003-CW	2011	$6,955,000.00	2,230		6,955,000.00						
Stroud Utilities Authority	ORF-10-0015-CW	2011	$660,000.00	2,758	660,000.00							
Okemah Utilities Authority	ORF-10-0007-CW	2011	$2,565,000.00	4,732		2,565,000.00						
Calera Public Works Authority	ORF-10-0010-CW	2011	$4,985,000.00	1,739		4,760,000.00				225,000.00		
Moore Public Works Authority	ORF-10-0012-CW	2011	$6,637,000.00	41,138		6,637,000.00						
Oklahoma City Water Utilities Trust	ORF-10-0011-CW	2011	$24,926,727.00	506,132		14,227,000.00		8,566,066.00		2,133,661.00		
Roland Utilities Authority	ORF-08-0003-CW	2008	($30,454.70)	2,842		(30,454.70)						
Bethany Public Works Authority	ORF-05-0011-CW	2008	($70,802.71)	20,307				(70,802.71)				
Lawton Water Authority	ORF-04-0012-CW	2005	($2,315,000.00)	92,757			(2,315,000.00)					
Chandler Municipal Authority	ORF-12-0016-CW	2012	$1,175,000.00	3,100				1,175,000.00				
Elgin Public Works Authority	ORF-10-0005-CW	2012	$3,060,000.00	2,156	2,098,741.22			961,258.78				
Eufaula Public Works Authority	ORF-11-0009-CW	2012	$4,035,000.00	2,813		2,985,900.00		1,049,100.00				
Glenpool Utility Service Authority	ORF-11-0002-CW	2012	$3,740,625.00	10,808	2,888,087.16			852,537.84				
Muldrow Public Works Authority	ORF-11-0007-CW	2012	$3,705,000.00	3,466		3,705,000.00						
Muskogee Municipal Authority	ORF-11-0008-CW	2012	$12,775,000.00	39,223			2,840,250.00			9,934,750.00		
Nicoma Park Development Authority	ORF-09-0035-CW	2012	$124,371.96	2,393					124,371.96			
Owasso Public Works Authority	ORF-10-0014-CW	2012	$3,115,000.00	28,915						3,115,000.00		
Tulsa Metropolitan Utility Authority	ORF-11-0005-CW	2012	$16,700,000.00	391,906		16,199,000.00		501,000.00				
Tulsa Metropolitan Utility Authority	ORF-12-0003-CW	2012	$4,347,000.00	391,906	3,437,000.00		910,000.00					
Broken Arrow Municipal Authority	ORF-09-0033-CW	2011	$4,680,000.00	74,859					4,680,000.00			
Okmulgee Municipal Authority	ORF-10-0013-CW	2011	($33,296.12)	13,022				($33,296.12)				
Stroud Utilities Authority	ORF-10-0015-CW	2011	($49,836.66)	2,758	(49,836.66)							
Walters Public Works Authority	ORF-09-0005-CW	2010	($75,597.78)	2,657						(75,597.78)		
Ardmore Public Works Authority	ORF-09-0018-CW	2010	($34,923.01)	23,711						(34,923.01)		
Piedmont Municipal Authority	ORF-09-0014-CW	2010	($97,427.77)	3,650					(97,427.77)			
Owasso Public Works Authority	ORF-09-0007-CW	2010	($202,991.78)	18,502		(202,991.78)						
Pauls Valley Municipal Authority	ORF-04-0013-CW	2006	($8,119.76)	6,256	(8,119.76)							
Del City Municipal Services Authority	ORF-09-0022-CW	2010	($1,707.18)	22,128		(1,707.18)						
Ponca City Utility Authority	ORF-09-0011-CW	2010	($7,704.30)	25,919				(7,704.30)				
Beggs Public Works Authority	ORF-05-0005-CW	2007	($15,870.95)	1,364		(15,870.95)						
Duncan Public Utilities Authority	ORF-09-0016-CW	2010	($19,563.54)	21,732				(19,563.54)				
Commerce Development Authority	ORF-02-0010-CW	2003	($40,057.83)	2,645				(40,057.83)				
Hobart Public Works Authority	ORF-07-0007-CW	2010	($8,550.50)	3,997					(8,550.50)			
Oklahoma City Water Utilities Trust	ORF-09-0021-CW	2010	($1,301,715.43)	506,132				(1,301,715.43)				
FY 2012 Totals			55,559,634.35		8,365,871.96	22,669,330.09	3,750,250.00	3,136,559.40	4,698,393.69	12,939,229.21	0.00	0.00
Cumulative Total Dollars			913,571,843.73		257,533,705.88	350,748,676.19	27,536,528.47	178,843,909.76	17,925,996.66	78,295,618.92	0.00	2,687,407.85
Cumulative Total Percentages					28.19%	38.39%	3.01%	19.58%	1.96%	8.57%	0.00%	0.29%
					CATEGORY I	CATEGORY II	CATEGORY IIIA	CATEGORY IIIB	CATEGORY IVA	CATEGORY IVB	CATEGORY V	CATEGORY VI
Assistance Totals for 2010			184,562,350.93		54,881,418.00	65,197,350.00	6,705,378.29	50,153,025.64	3,085,000.00	2,416,407.00	0.00	2,123,772.00
Assistance Percentages for 2010					29.74%	35.33%	3.63%	27.17%	1.67%	1.31%	0.00%	1.15%
Assistance Totals for 2011			83,627,469.59		2,165,500.15	61,583,545.30	(2,315,000.00)	16,888,152.18	0.00	4,741,636.11	0.00	563,635.85
Assistance Percentages for 2011					2.59%	73.64%	-2.77%	20.19%	0.00%	5.67%	0.00%	0.67%
Assistance Totals for 2012			55,559,634.35		8,365,871.96	22,669,330.09	3,750,250.00	3,136,559.40	4,698,393.69	12,939,229.21	0.00	0.00
Assistance Percentages for 2012					15.06%	40.80%	6.75%	5.65%	8.46%	23.29%	0.00%	0.00%

Category I - Secondary treatment and best practicable wastewater treatment technology.
Category II - Advanced treatment.

Category IIIA - Infiltration/inflow correction.

Category IIIB - Replacement and/or major rehabilitation of existing sewer systems.

Category IVA - New collector sewer systems and appurtenances.

Category IVB - New interceptor sewer systems and appurtenances.

Category V - Correction of combined sewer overflows.

Category VI - Storm sewers (i.e., activities to plan and implement municipal storm water management programs pursuant to NPDES permits).

Attachment 8A. Part 2. Total Binding Commitments by Population (212)

FY	#	< 3500 $ AMOUNT	#	3,500-9,999 $ AMOUNT	#	10,000-99,999 $ AMOUNT	#	100,000+ $ AMOUNT	YEARLY TOTALS	YEARLY COMMITMENTS	CUMULATIVE $ AMOUNTS
90	0	0.00	0	0.00	0	0.00	1	11,100,000.00	11,100,000.00	1	11,100,000.00
91	0	0.00	0	0.00	0	0.00	1	15,559,500.00	15,559,500.00	1	26,659,500.00
92	3	3,094,000.00	1	300,000.00	1	11,553,000.00	0	0.00	14,947,000.00	5	41,606,500.00
93	1	1,445,000.00	0	0.00	2	16,323,800.00	0	0.00	17,768,800.00	3	59,375,300.00
94	0	(155,833.73)	1	4,765,000.00	2	15,081,000.00	1	20,994,611.00	40,684,777.27	4	100,060,077.27
95	2	760,000.00	1	1,400,000.00	1	3,048,000.00	0	0.00	5,208,000.00	4	105,268,077.27
96	4	1,726,000.00	3	8,276,300.00	3	25,015,000.00	1	4,000,000.00	39,017,300.00	11	144,285,377.27
97	5	6,368,534.89	3	4,322,068.53	3	23,110,971.45	0	0.00	33,801,574.87	11	178,086,952.14
98	7	8,411,145.89	2	1,288,336.17	2	5,389,171.13	2	13,202,763.00	28,291,416.19	13	206,378,368.33
99	2	7,231,712.26	1	4,925,283.56	3	2,637,428.92	1	17,035,000.00	31,829,424.74	7	238,207,793.07
00	5	6,261,308.81	1	683,262.50	3	19,573,932.91	0	0.00	26,518,504.22	9	264,726,297.29
01	6	9,153,195.12	2	915,140.40	3	29,111,640.63	1	4,000,000.00	43,179,976.15	12	307,906,273.44
02	5	2,936,365.33	3	8,411,075.42	5	34,973,347.17	1	3,247,055.00	49,567,842.92	14	357,474,116.36
03	3	2,446,750.00	1	7,500,000.00	2	3,867,140.83	2	12,770,000.00	26,583,890.83	8	384,058,007.19
04	1	543,500.00	2	2,562,000.00	0	(481,979.23)	2	17,920,000.00	20,543,520.77	5	404,601,527.96
05	0	(357,119.39)	3	7,010,000.00	3	30,053,396.12	1	7,900,000.00	44,606,276.73	7	449,207,804.69
06	3	2,848,910.55	2	3,436,558.12	2	14,523,440.21	1	3,127,053.71	23,935,962.59	8	473,143,767.28
07	1	2,157,332.48	3	7,617,745.91	2	11,472,958.17	1	16,216,157.84	37,464,194.40	7	510,607,961.68
08	1	3,855,000.00	0	0.00	3	27,105,000.00	0	0.00	30,960,000.00	4	541,567,961.68
09	3	11,949,335.25	1	1,876,997.75	4	15,758,094.18	2	18,670,000.00	48,254,427.18	10	589,822,388.86
10	2	1,716,407.00	7	20,377,500.00	15	125,241,993.29	2	37,226,450.64	184,562,350.93	26	774,384,739.79
11	6	19,539,545.30	3	7,920,000.00	3	7,761,197.29	2	48,406,727.00	83,627,469.59	14	858,012,209.38
12	5	$11,918,008.74	0	(114,098.03)	4	24,010,439.07	2	19,745,284.57	55,559,634.35	11	913,571,843.73
Total	65	103,849,098.50	40	93,473,170.33	66	445,128,972.14	24	271,120,602.76	913,571,843.73	195	
FY 2012 Percentages	45.5%	0.21	0.0%	1.682393547	36.4%	8.011733291	18.2%	4.879812582	1478.8%	100.0%	
Cumulative Percentages	33.3%	11.4%	20.5%	10.2%	33.8%	48.7%	12.3%	29.7%	100.0%	100.0%	

Loans to Borrowers of < 10,000 Population

In Dollars	197,322,269
In % Dollars	22%
In # of Projects	105
In % # of Projects	54%

Attachment 8B. CWSRF Loan Assistance by State Fiscal Year

PART 1. Binding Commitments by Clean Water Act Section 319 "Needs Category"

This exhibit lists construction projects from communities that have entered into an agreement, or "binding commitment," with the OWRB to receive CWSRF financial assistance. The binding commitment is a legal obligation by the State to the local recipient that reserves adequate funds for the project and defines the terms and the timing of receiving loan assistance. The various Clean Water Act, Section 212 "needs" categories provide a breakdown of types of wastewater projects, including wastewater treatment, collection, and stormwater activities.

COMMUNITY SERVED	PROJECT NUMBER	BINDING COMMITMENT YEAR	ASSISTANCE AMOUNT	POPULATION	CAT VII-A Agricultural Cropland	CAT VII-B Agricultural Animals	CAT VII-C Silviculture	CAT VII-D Urban (Excludes decentralized systems)	CAT VII-E Ground Water - Unknown Source	CAT VII-F Marinas	CAT VII-G Resource Extraction	CAT VII-H Brownfields	CAT VII-I Storage Tanks	CAT VII-J Sanitary Landfills	CAT VII-K Hydromodification	CAT VII-L Individual/Decentralized Sewage Treatment	UNCLASSIFIED
TULSA MUA *(CREP - Riparian Buffer/Conservation Easements for Eucha & Spavinaw Watersheds)*	ORF-08-0004	2008	$1,250,000.00	393,049											1,250,000.00		
N/A	N/A	2009	N/A	N/A													
Central Oklahoma Master Conservancy District	ORF-09-0027-CW	2010	$369,520.00	171,910											369,520.00		
Central Oklahoma Master Conservancy District	ORF-09-0027-CWA	2010	$1,131,765.20	171,910											1,131,765.20		
Oklahoma Conservation Commission	ORF-09-0028-CW	2010	$2,000,000.00	100,000											2,000,000.00		
Oklahoma Conservation Commission	ORF-09-0031-CW	2010	$86,500.00	95,694											86,500.00		
Oklahoma Conservation Commission	ORF-09-0032-CW	2010	$2,000,000.00	39,065											2,000,000.00		
Poteau Valley Improvement Authority	ORF-09-0026-CW	2010	$839,101.00	43,000											839,101.00		
Poteau Valley Improvement Authority *(Withdrawn)*	ORF-09-0026-CW	2010	($839,101.00)	43,000											(839,101.00)		
Tulsa City County Libraries	ORF-09-0034-CW	2010	$202,799.90	393,049											202,799.90		
N/A	N/A	2011	N/A	N/A													
N/A	N/A	2012	N/A	N/A													
FY 2012 Totals			$0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cumulative Total Dollars			$7,040,585.10		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,040,585.10	0.00	0.00
Cumulative Total Percentages					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
					CAT VII-A	CAT VII-B	CAT VII-C	CAT VII-D	CAT VII-E	CAT VII-F	CAT VII-G	CAT VII-H	CAT VII-I	CAT VII-J	CAT VII-K	CAT VII-L	NCLASSIFIE
Assistance Totals for 2010			$5,790,585.10		0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	5,790,585.10	0	0
Assistance Percentages for 2010					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%
Assistance Totals for 2011			$0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Assistance Percentages for 2011					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Assistance Totals for 2012			$0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Assistance Percentages for 2012					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

EXHIBIT 8.B. Part 2. Binding Commitments by Population 319

FY	#	< 3500 $ AMOUNT	#	3,500-9,999 $ AMOUNT	#	10,000-99,999 $ AMOUNT	#	100,000+ $ AMOUNT	YEARLY TOTALS	YEARLY COMMITMENTS	CUMULATIVE $ AMOUNTS
90	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
91	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
92	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
93	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
94	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
95	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
96	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
97	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
98	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
99	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
01	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
02	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
03	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
04	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
05	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
06	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
07	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00
08	0	0.00	0	0.00	0	0.00	1	1,250,000.00	1,250,000.00	1	1,250,000.00
09	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	1,250,000.00
10	0	0.00	0	0.00	2	$2,086,500.00	4	$3,704,085.10	5,790,585.10	6	7,040,585.10
11	0	0.00	0	0.00	0	$0.00	0	$0.00	0.00	0	7,040,585.10
12	0	0.00	0	0.00	0	$0.00	0	$0.00	0.00	0	7,040,585.10
Total	0	0.00	0	0.00	2	2,086,500.00	5	4,954,085.10	7,040,585.10	7	
FY 2012 Percentages	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%		
Cumulative Percentages	0.0%	0.0%	0.0%	0.0%	28.6%	29.6%	71.4%	70.4%	100.0%	100.0%	

Loans to Borrowers of < 10,000 Population

In Dollars	0
In % Dollars	0%
In # of Projects	0
In % # of Projects	0%

Attachment 9. Oklahoma CWSRF Financial Indicators

Fund Analysis	For the Reporting Year Ending June 30 of:						
	2006	2007	2008	2009	2010	2011	2012
Financial Indicators							
Federal Return on Investment							
306 *Annual	279%	224%	181%	3840%	196%	337%	10986%
307 *Cumulative	232%	232%	229%	247%	242%	253%	289%
Executed Loans as a % of Funds Available							
308 *Annual	177%	183%	171%	223%	376%	56%	274%
309 *Cumulative	86%	90%	92%	97%	118%	107%	111%
Disbursements as a % of Executed Loans							
310 *Annual	151%	51%	70%	80%	23%	121%	174%
311 *Cumulative	90%	87%	86%	85%	70%	75%	81%
Additional Loans Made Due to Leveraging							
312 *Annual	-1,932,075	6,641,881	13,402,858	26,574,962	148,936,847	29,153,228	37,973,046
313 *Cumulative	25,003,650	31,645,531	45,048,389	71,623,351	220,560,198	249,713,426	287,686,472
314 *Cumulative Additional Loans as a % of Contributed Capital	11%	13%	18%	28%	75%	74%	86%
Gross Sustainability (Retained Earnings) Includes Subsidy							
315 *Annual	3,162,026	4,169,290	4,701,038	-1,603,795	-2,837,078	26,092,579	-7,205,165
316 *Cumulative	33,885,409	38,054,699	42,755,737	41,151,942	20,662,526	22,175,132	21,575,782
317 *Cumulative Retained Earnings as a % of Contributed Capital	14.7%	15.9%	17.4%	15.8%	7.0%	6.6%	6.4%
Net Sustainability (Retained Earnings) Excludes Subsidy							
318 *Annual	3,162,026	4,169,290	4,701,038	4,603,656	3,698,749	3,479,826	1,398,069
319 *Cumulative	33,885,409	38,054,699	42,755,737	47,359,393	51,058,142	54,537,968	55,936,037
320 *Cumulative Retained Earnings as a % of Contributed Capital	14.7%	15.9%	17.4%	18.6%	19.2%	18.0%	18.6%
Subsidy Information from CBR							
321 Grant Amount				0	0	0	0
322 Negative Interest				0	0	0	0
323 Principal Forgiven				6,207,451	24,188,165	1,967,220	1,997,419
324 * Total Annual Subsidy				6,207,451	24,188,165	1,967,220	1,997,419
325 * Total Cumulative Subsidy				6,207,451	30,395,616	32,362,836	34,360,255
Green Project Reserve (GPR) from CBR							
326 Green Infrastructure				1,250,000	6,192,410	0	0
327 Energy Efficiency				1,140,000	304,135	1,446,624	1,878,142
328 Water Conservation				0	233,973	85,000	0
329 Green Innovative				0	0	435,596	0
330 * Total Annual GPR				2,390,000	6,730,518	1,967,220	1,878,142
331 * Cumulative GPR				2,390,000	9,120,518	11,087,738	12,965,880

* Calculated values.

Attachment 10: ACTUAL FEDERAL AND NONFEDERAL DISBURSEMENTS FOR FY 2012* ($000)

	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total (Qtr 1 - 4)
ACTUAL FEDERAL ARRA SRF PROGRAM TOTALS*	822	13,410	8,684	332	23,248
ACTUAL FEDERAL SRF PROGRAM TOTALS	56	83	903	855	1,897

Attachment 11: NON-FEDERAL (2nd Round) DISBURSEMENTS FOR FY 2012 ($000)

	Qtr 1	Qtr 2	Qtr 3	Qtr 4
ACTUAL NON-FEDERAL SRF PROGRAM TOTALS*	25,978	14,124	15,444	15,782
CUMULATIVE NON-FEDERAL SRF PROGRAM TOTALS	25,978	40,102	55,546	71,328

* Reported on a cash basis

Historical Funding Sources

Oklahoma Clean Water State Revolving Fund

As of June 1 , 2012

Fiscal Year	Federal Cap Grant Amount	State Match Amount	Over Match Amount	Bond Issue Proceeds	Notes	Less 4% Administration	Total Available For Assistance
1988	$9,278,000.00	$1,855,600.00	$0.00	$0.00	(1)	$371,120.00	$10,762,480.00
1989	$7,597,400.00	$1,519,480.00	$0.00	$0.00	(2)	$303,896.00	$8,812,984.00
1990	$7,862,000.00	$1,572,400.00	$0.00	$0.00	(3)	$314,480.00	$9,119,920.00
1991	$16,580,619.00	$3,316,123.80	$0.20	$0.00	(3)	$663,224.76	$19,233,518.24
1992	$15,697,737.00	$3,139,547.40	$0.60	$0.00	(4)	$627,909.48	$18,209,375.52
1993	$15,528,546.00	$3,105,709.20	-$0.20	$0.00	(5)	$621,141.84	$18,013,113.16
1994	$9,632,600.00	$1,926,520.00	$0.00	$0.00	(6)	$385,304.00	$11,173,816.00
1995	$9,951,183.00	$1,990,236.60	$0.40	$0.00	(7)	$398,047.32	$11,543,372.68
1996	$16,300,350.00	$3,260,070.00	-$1.00	$0.00	(7,8)	$652,014.00	$18,908,405.00
1997	$4,986,100.00	$997,220.00	$21,450.00	$0.00	(8)	$199,444.00	$5,805,326.00
1998	$10,879,110.00	$2,175,822.00	$8,644.94	$0.00	(9)	$435,164.40	$12,628,412.54
1999	$10,880,001.00	$2,176,000.20	$105,646.80	$0.00	(10)	$435,200.04	$12,726,447.96
2000	$10,996,702.00	$2,199,340.40	$82,990.54	$0.00	(11)	$439,868.08	$12,839,164.86
2001	$10,746,747.00	$2,149,349.40	$677.89	$0.00	(12)	$429,869.88	$12,466,904.41
2002	$10,770,705.00	$2,154,141.00	$0.00	$26,000,000.00	(12,13)	$430,828.20	$38,494,017.80
2003	$10,700,700.00	$2,140,140.00	$0.00	$127,500,000.00	(14)	$428,028.00	$139,912,812.00
2004	$10,720,400.00	$2,144,080.00	$0.00	$0.00	(14)	$428,816.00	$12,435,664.00
2005	$8,693,800.00	$1,738,760.00	$0.00	$0.00	(14)	$347,752.00	$10,084,808.00
2006	$7,046,300.00	$1,409,260.00	$67,760.00	$0.00	(14)	$281,852.00	$8,241,468.00
2007/2008	$14,087,400.00	$2,817,480.00	$0.00	$0.00	(15)	$563,496.00	$16,341,384.00
ARRA	$31,662,100.00	N/A	$0.00	$0.00		$1,266,484.00	$30,395,616.00
2009/2010	$21,914,100.00	$4,382,820.00	$0.00	$85,000,000.00	(15,16)	$876,564.00	$110,420,356.00
2011	$11,930,000.00	$2,386,000.00	$0.00	$0.00	(16)	$477,200.00	$13,838,800.00
2012*	$11,419,000.00	$2,283,800.00	$0.00	$0.00		$456,760.00	$13,246,040.00
Totals	$295,861,600.00	$52,839,900.00	$287,170.17	$238,500,000.00		$11,377,704.00	$548,569,366.17

Notes:

1 FY 1988 state match appropriated by the legislature from the Statewide Water Development Revolving Fund. - 7/30/88, H.B. 1571

2 FY 1989 state match appropriated by the legislature from the Statewide Water Development Revolving Fund. - 4/26/89, S.B. 51

3 FYs 1990 and 1991 state matches appropriated by the legislature from the Special Cash Fund. - 3/20/91, S.B. 144

4 $2,892,047 of FY 1992 state match appropriated by the legislature from the Constitutional Reserve Fund. - 5/28/93, S.B. 390; $200,000 in state match provided by

5 FY 1993 state match appropriated by the legislature from the Constitutional Reserve Fund. - 5/18/94, H.B. 2761

6 OWRB issued its $1,950,000 SRF Program Notes, Series 1994 on October 25, 1994. The Series 1994 Notes were paid from monies in the Debt Service Reserve Fund for the Board's 1985 State Loan Program Bonds.

7 OWRB issued its $4,050,000 CWSRF Revenue Notes, Series 1996 on May 22, 1996. The Series 1996 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans. $1,990,237 went toward meeting the FY 1995 state match and $2,018,545 toward the FY 1996 state match.

8 OWRB issued its $2,275,000 CWSRF Revenue Notes, Series 1997 on June 26, 1997. The Series 1997 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans. $1,241,524 went toward meeting the FY 1996 state match and

9 OWRB issued its $2,200,000 CWSRF Revenue Notes, Series 1998 on June 25, 1998. The Series 1998 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans.

10 OWRB issued its $2,300,000 CWSRF Revenue Notes, Series 1999 on February 15, 1999. The Series 1999 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans.

11 OWRB issued its $2,300,000 CWSRF Revenue Notes, Series 2000 on June 22, 2000. The Series 2000 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans.

12 OWRB issued its $4,345,000 CWSRF Revenue Notes, Series 2001 on April 11, 2001. The Series 2001 Notes were paid from investment and interest earnings on CWSRF accounts. $2,149,349.40 went toward meeting the FY 2001 state match and $2,154,141.00 went toward meeting the FY 2002 state match.

13 OWRB issued a $28,890,000 CWSRF Interim Construction Loan Revenue Bonds, Series 2001, on August 15, 2001. The Series 2001 Bonds are to be paid from prinicipal and interest payments made on CWSRF loans made from bond proceeds.

14 OWRB issued a $204,480,000 CWSRF/DWSRF Interim Construction Loan Revenue Bonds, Series 2004, on October 26, 2004. The Series 2004 Bonds are to be

15 Reallocation of bond funds from the 2004 Bond Issue to state matching funds.

16 OWRB issued a $85,000,000 Revenue Bond Issue, Series 2011 on April 13, 2011 with $5,915,000 for the 2010 and 2011 cap grants and a portion of the 2012 cap grant. $236,800 for the 2012 state match will be available from the 2011 bond issue the remainder will need to come from another source.

***Approved 7/3/12**

ATTACHMENT 13: SUMMARY OF ADMINISTRATIVE ACCOUNTS
(EXPENDED VS. AVAILABLE)

CAP GRANT NO. CS40	CAP GRANT FUNDS	4% SET-ASIDE AMOUNT	STATE ADMIN. YEAR	EXPENDED FROM 4% SET ASIDE	BANKED 4% SET-ASIDE BALANCE CUMULATIVE	RECEIVED IN OUTSIDE ACCOUNT*	EXPENDED FROM OUTSIDE ACCOUNT	EXPENDED FROM OUTSIDE ACCOUNT/BUMP	OUTSIDE ACCT* BALANCE CUMMULATIVE
0001-89-0	88	$371,120.00	1990	$267,260.20	$103,859.80	$0.00	$0.00		$0.00
0001-89-1	89	$303,896.00	1991	$317,222.55	$90,533.25	$6,645.85	$0.00		$6,645.85
0001-90-0	90	$314,480.00	1992	$304,224.90	$100,788.35	$61,038.10	$4,845.78		$62,838.17
0001-91-0	91	$663,224.76	1993	$338,973.80	$425,039.31	$135,268.39	$19,201.38		$178,905.18
0001-92-0	92	$627,909.48	1994	$412,302.79	$640,646.00	$172,677.21	$91,539.01		$260,043.38
0001-93-0	93	$621,141.84	1995	$36,317.36	$1,225,470.48	$198,427.36	$374,450.40		$84,020.34
0001-94-0	94	$385,304.00	1996	$370,594.21	$1,240,180.27	$204,594.86	$217,803.20		$70,812.00
0001-95-0	95	$398,047.32	1997	$376,309.00	$1,261,918.59	$110,168.75	$81,189.13		$99,791.62
0001-96-0	96	$652,014.00	1998	$283,979.00	$1,629,953.59	$338,310.69	$311,939.84		$126,162.47
0001-97-0	97	$199,444.00	1999	$0.00	$1,829,397.59	$377,880.55	$378,995.72		$125,047.30
0001-98-0	98	$435,164.40	2000	$0.00	$2,264,561.99	$491,889.36	$449,188.42		$167,748.24
0001-99-0	99	$435,200.04	2001	$220,545.42	$2,479,216.61	$601,236.58	$507,070.09	$1,857.93	$260,056.80
0001-100-0	2000	$439,868.08	2002	$144,193.71	$2,774,890.98	$610,366.39	$707,864.29	$26,075.53	$136,483.37
0001-101-0	2001	$429,869.88	2003	$128,364.98	$3,076,395.88	$721,147.29	$615,566.98	$43,131.32	$198,932.36
40000202	2002	$430,828.20	2004	N/A	$3,507,224.08	$793,865.98	$678,699.06	$3,935.22	$310,164.06
40000204	2003	$428,028.00	2005	N/A	$3,935,252.08	$843,271.10	$745,075.59	$0.00	$408,359.57
40000205	2004	$428,028.00	2006	N/A	$4,363,280.08	$874,416.19	$778,732.54	$0.00	$504,043.22
40000206	2005	$347,752.00	2007	$61,048.30	$4,649,983.78	$977,081.00	$696,811.00	$0.00	$784,313.22
40000207	2006	$281,852.00	2008	$31,751.26	$4,900,084.52	$959,796.00	$875,374.00	$0.00	$868,735.22
40000208	2007/2008	$563,496.00	2009	$127,823.28	$5,335,757.24	$1,019,751.00	$1,193,883.00	$0.00	$694,603.22
2W-96688501	ARRA	$1,266,484.00	2010	$742,626.65	$5,859,614.59	$1,179,759.31	$1,178,736.04	$0.00	$695,626.49
40000209	2009/2010	$876,564.00	2011	$521,901.53	$6,214,277.06	$1,002,432.46	$1,206,749.42	$0.00	$491,309.53
40000210	2011	$477,200.00	2012	$80,572.58	$6,610,904.48	$1,757,659.00	$1,053,387.11	$0.00	$1,195,581.42
TOTAL	N/A	$11,376,916.00	N/A	$4,766,011.52	$6,610,904.48	$13,437,683.42	$12,167,102.00	$75,000.00	$1,195,581.42
AVAILABLE ADMINISTRATIVE FUNDS					$6,610,904.48				$1,195,581.42

Attachment 14: CWSRF Capacity Model 2012 for 20 and 30 year loans

Equity Needed to Fund New Loans (cut-off):	**$36,150,000**	$ 21,855,265	$ 36,154,435	$ 36,153,352	$ 36,153,552	$ 36,153,370	$ 36,154,712	$ 36,152,505

LOANS	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**
New Loans								
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 17,852,193	$ 27,287,395	$ 41,586,565	$ 36,153,352	$ 36,153,552	$ 36,153,370	$ 36,154,712	$ 36,152,505
% 20 Year Loans:	**100%**							
% 30 Year Loans:	**0%**							
20 Year Loan Amount:	$ 1,738,493	$ 27,287,395	$ 41,586,565	$ 36,153,352	$ 36,153,552	$ 36,153,370	$ 36,154,712	$ 36,152,505
30yr Loans Approved in FY 2012 (Funded in FY12&13)	$ 16,113,700	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:	**40.00%**	**40.00%**						
Float Investment Rate:	**0.10%**							
# of Months Investments on Float:	**3**							
New Grants								
Projected EPA Grants:								
Grant Amount	**$ 10,330,000**	**$ 5,432,130**	**$ 5,432,130**	**$ -**	**$ -**			
State Match Requirements	$ -	$ -	$ -	$ -	$ -			
State Match Percentage	**0.00%**							

DEBT								
New Debt (Revenue Bonds)								
Debt - Number of Years for Debt Service	**20**	**...or 30 depending on loan type**						
Debt - UW / COI Expenses (RATE)	**0.00%**							
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 21,855,265	$ 14,249,435	$ 13,958,352	$ 14,443,552	$ 14,683,370	$ 13,954,712	$ 15,422,505	$ 15,288,578
Remaining Amount Needed to Fund New Loans	$ 14,294,735	$ 21,900,565	$ 22,191,648	$ 21,706,448	$ 21,466,630	$ 22,195,288	$ 20,727,495	$ 20,861,422
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)		$ 21,900,565	$ 22,191,648	$ 21,706,448	$ 21,466,630	$ 22,195,288	$ 20,727,495	$ 20,861,422
Amount of Bonds Required To Be Sold (Nearest $5K)		$ 21,905,000	$ 22,195,000	$ 21,710,000	$ 21,470,000	$ 22,200,000	$ 20,730,000	$ 20,865,000
Cost of Issuance		$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds	**0.00%**							
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

20-Yr Only Scenario Total Loans + Ending Fund Balance:	2,267,887,631	Capacity Loss
FY2012 Total Loans Funded + Ending Fund Balance:	2,231,928,082	1.586%

OWRB Clean Water State Revolving Fund

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Equity Needed to Fund New Loans (cut-off):	$ 36,153,578	$ 36,150,981	$ 36,150,912	$ 36,150,196	$ 36,151,768	$ 36,152,226	$ 36,152,446	$ 36,153,816	$ 36,154,361

LOANS	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**
New Loans									
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 36,153,578	$ 36,150,981	$ 36,150,912	$ 36,150,196	$ 36,151,768	$ 36,152,226	$ 36,152,446	$ 36,153,816	$ 36,154,361
% 20 Year Loans:				**100%**					
% 30 Year Loans:				**0%**					
20 Year Loan Amount:	$ 36,153,578	$ 36,150,981	$ 36,150,912	$ 36,150,196	$ 36,151,768	$ 36,152,226	$ 36,152,446	$ 36,153,816	$ 36,154,361
30yr Loans Approved in FY 2012 (Funded in FY12&13)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:									
Float Investment Rate:									
# of Months Investments on Float:									
New Grants									
Projected EPA Grants:									
Grant Amount									
State Match Requirements									
State Match Percentage									

DEBT									
New Debt (Revenue Bonds)									
Debt - Number of Years for Debt Service									
Debt - UW / COI Expenses (RATE)									
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 15,455,981	$ 16,415,912	$ 17,185,196	$ 17,891,768	$ 16,657,226	$ 15,767,446	$ 17,293,816	$ 18,154,361	$ 19,027,755
Remaining Amount Needed to Fund New Loans	$ 20,694,019	$ 19,734,088	$ 18,964,804	$ 18,258,232	$ 19,492,774	$ 20,382,554	$ 18,856,184	$ 17,995,639	$ 17,122,245
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 20,694,019	$ 19,734,088	$ 18,964,804	$ 18,258,232	$ 19,492,774	$ 20,382,554	$ 18,856,184	$ 17,995,639	$ 17,122,245
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 20,695,000	$ 19,735,000	$ 18,965,000	$ 18,260,000	$ 19,495,000	$ 20,385,000	$ 18,860,000	$ 18,000,000	$ 17,125,000
Cost of Issuance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds									
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Equity Needed to Fund New Loans (cut-off):	$ 36,152,755	$ 36,152,106	$ 36,152,780	$ 36,152,153	$ 36,150,941	$ 36,153,029	$ 36,150,437	$ 36,152,135

LOANS	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**
New Loans								
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 36,152,755	$ 36,152,106	$ 36,152,780	$ 36,152,153	$ 36,150,941	$ 36,153,029	$ 36,150,437	$ 36,152,135
% 20 Year Loans:					**100%**			
% 30 Year Loans:					**0%**			
20 Year Loan Amount:	$ 36,152,755	$ 36,152,106	$ 36,152,780	$ 36,152,153	$ 36,150,941	$ 36,153,029	$ 36,150,437	$ 36,152,135
30yr Loans Approved in FY 2012 (Funded in FY12&13)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:								
Float Investment Rate:								
# of Months Investments on Float:								
New Grants								
Projected EPA Grants:								
Grant Amount								
State Match Requirements								
State Match Percentage								

DEBT								
New Debt (Revenue Bonds)								
Debt - Number of Years for Debt Service								
Debt - UW / COI Expenses (RATE)								
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 19,302,106	$ 20,107,780	$ 21,462,153	$ 19,595,941	$ 19,563,029	$ 20,585,437	$ 20,752,135	$ 21,258,270
Remaining Amount Needed to Fund New Loans	$ 16,847,894	$ 16,042,220	$ 14,687,847	$ 16,554,059	$ 16,586,971	$ 15,564,563	$ 15,397,865	$ 14,891,730
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 16,847,894	$ 16,042,220	$ 14,687,847	$ 16,554,059	$ 16,586,971	$ 15,564,563	$ 15,397,865	$ 14,891,730
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 16,850,000	$ 16,045,000	$ 14,690,000	$ 16,555,000	$ 16,590,000	$ 15,565,000	$ 15,400,000	$ 14,895,000
Cost of Issuance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds								
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OWRB Clean Water State Revolving Fund

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Equity Needed to Fund New Loans (cut-off):	$ 36,153,270	$ 36,150,770	$ 36,154,312	$ 36,150,564	$ 36,153,493	$ 36,152,446	$ 36,152,411	$ 36,151,734

LOANS	**2038**	**2039**	**2040**	**2041**	**2042**	**2043**	**2044**	**2045**
New Loans								
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 36,153,270	$ 36,150,770	$ 36,154,312	$ 36,150,564	$ 36,153,493	$ 36,152,446	$ 36,152,411	$ 36,151,734
% 20 Year Loans:							**100%**	
% 30 Year Loans:							**0%**	
20 Year Loan Amount:	$ 36,153,270	$ 36,150,770	$ 36,154,312	$ 36,150,564	$ 36,153,493	$ 36,152,446	$ 36,152,411	$ 36,151,734
30yr Loans Approved in FY 2012 (Funded in FY12&13)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:								
Float Investment Rate:								
# of Months Investments on Float:								
New Grants								
Projected EPA Grants:								
Grant Amount								
State Match Requirements								
State Match Percentage								

DEBT								
New Debt (Revenue Bonds)								
Debt - Number of Years for Debt Service								
Debt - UW / COI Expenses (RATE)								
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 21,785,770	$ 22,299,312	$ 22,735,564	$ 23,333,493	$ 23,807,446	$ 23,977,411	$ 23,206,734	$ 23,546,569
Remaining Amount Needed to Fund New Loans	$ 14,364,230	$ 13,850,688	$ 13,414,436	$ 12,816,507	$ 12,342,554	$ 12,172,589	$ 12,943,266	$ 12,603,431
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 14,364,230	$ 13,850,688	$ 13,414,436	$ 12,816,507	$ 12,342,554	$ 12,172,589	$ 12,943,266	$ 12,603,431
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 14,365,000	$ 13,855,000	$ 13,415,000	$ 12,820,000	$ 12,345,000	$ 12,175,000	$ 12,945,000	$ 12,605,000
Cost of Issuance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds								
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Equity Needed to Fund New Loans (cut-off):	$ 36,151,569	$ 36,154,439	$ 36,152,815	$ 36,152,762	$ 36,151,645	$ 36,151,817	$ 36,154,489	$ 36,153,760

LOANS	2046	2047	2048	2049	2050	2051	2052	2053
New Loans								
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 36,151,569	$ 36,154,439	$ 36,152,815	$ 36,152,762	$ 36,151,645	$ 36,151,817	$ 36,154,489	$ 36,153,760
% 20 Year Loans:								
% 30 Year Loans:								
20 Year Loan Amount:	$ 36,151,569	$ 36,154,439	$ 36,152,815	$ 36,152,762	$ 36,151,645	$ 36,151,817	$ 36,154,489	$ 36,153,760
30yr Loans Approved in FY 2012 (Funded in FY12&13)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:								
Float Investment Rate:								
# of Months Investments on Float:								
New Grants								
Projected EPA Grants:								
Grant Amount								
State Match Requirements								
State Match Percentage								

DEBT								
New Debt (Revenue Bonds)								
Debt - Number of Years for Debt Service								
Debt - UW / COI Expenses (RATE)								
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 24,099,439	$ 24,767,815	$ 25,367,762	$ 25,946,645	$ 26,501,817	$ 27,079,489	$ 27,638,760	$ 28,134,373
Remaining Amount Needed to Fund New Loans	$ 12,050,561	$ 11,382,185	$ 10,782,238	$ 10,203,355	$ 9,648,183	$ 9,070,511	$ 8,511,240	$ 8,015,627
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 12,050,561	$ 11,382,185	$ 10,782,238	$ 10,203,355	$ 9,648,183	$ 9,070,511	$ 8,511,240	$ 8,015,627
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 12,055,000	$ 11,385,000	$ 10,785,000	$ 10,205,000	$ 9,650,000	$ 9,075,000	$ 8,515,000	$ 8,020,000
Cost of Issuance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds								
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Equity Needed to Fund New Loans (cut-off):	$ 36,154,373	$ 36,154,352	$ 36,152,227	$ 36,152,494	$ 36,152,326	$ 36,152,925	$ 36,153,898	$ 36,153,751

LOANS	**2054**	**2055**	**2056**	**2057**	**2058**	**2059**	**2060**	**2061**
New Loans								
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 36,154,373	$ 36,154,352	$ 36,152,227	$ 36,152,494	$ 36,152,326	$ 36,152,925	$ 36,153,898	$ 36,153,751
% 20 Year Loans:	**100%**							
% 30 Year Loans:	**0%**							
20 Year Loan Amount:	$ 36,154,373	$ 36,154,352	$ 36,152,227	$ 36,152,494	$ 36,152,326	$ 36,152,925	$ 36,153,898	$ 36,153,751
30yr Loans Approved in FY 2012 (Funded in FY12&13)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:								
Float Investment Rate:								
# of Months Investments on Float:								
New Grants								
Projected EPA Grants:								
Grant Amount								
State Match Requirements								
State Match Percentage								

DEBT								
New Debt (Revenue Bonds)								
Debt - Number of Years for Debt Service								
Debt - UW / COI Expenses (RATE)								
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 28,819,352	$ 29,562,227	$ 30,282,494	$ 31,047,326	$ 31,832,925	$ 32,638,898	$ 33,468,751	$ 34,329,726
Remaining Amount Needed to Fund New Loans	$ 7,330,648	$ 6,587,773	$ 5,867,506	$ 5,102,674	$ 4,317,075	$ 3,511,102	$ 2,681,249	$ 1,820,274
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 7,330,648	$ 6,587,773	$ 5,867,506	$ 5,102,674	$ 4,317,075	$ 3,511,102	$ 2,681,249	$ 1,820,274
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 7,335,000	$ 6,590,000	$ 5,870,000	$ 5,105,000	$ 4,320,000	$ 3,515,000	$ 2,685,000	$ 1,825,000
Cost of Issuance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds								
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OWRB Clean Water State Revolving Fund

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Equity Needed to Fund New Loans (cut-off):	$ 36,154,726	$ 36,152,208	$ 36,152,458	$ 37,102,389	$ 38,141,133	$ 39,216,505	$ 40,317,593	$ 41,437,025

LOANS	2062	2063	2064	2065	2066	2067	2068	2069
New Loans								
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 36,154,726	$ 36,152,208	$ 36,152,458	$ 37,102,389	$ 38,141,133	$ 39,216,505	$ 40,317,593	$ 41,437,025
% 20 Year Loans:			**100%**					
% 30 Year Loans:			**0%**					
20 Year Loan Amount:	$ 36,154,726	$ 36,152,208	$ 36,152,458	$ 37,102,389	$ 38,141,133	$ 39,216,505	$ 40,317,593	$ 41,437,025
30yr Loans Approved in FY 2012 (Funded in FY12&13)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:								
Float Investment Rate:								
# of Months Investments on Float:								
New Grants								
Projected EPA Grants:								
Grant Amount								
State Match Requirements								
State Match Percentage								

DEBT								
New Debt (Revenue Bonds)								
Debt - Number of Years for Debt Service								
Debt - UW / COI Expenses (RATE)								
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 35,212,208	$ 36,127,458	$ 37,102,389	$ 38,141,133	$ 39,216,505	$ 40,317,593	$ 41,437,025	$ 42,582,450
Remaining Amount Needed to Fund New Loans	$ 937,792	$ 22,542	$ -	$ -	$ -	$ -	$ -	$ -
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 937,792	$ 22,542	$ -	$ -	$ -	$ -	$ -	$ -
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 940,000	$ 25,000	$ -	$ -	$ -	$ -	$ -	$ -
Cost of Issuance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds								
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Equity Needed to Fund New Loans (cut-off):	$ 42,582,450	$ 43,756,600	$ 44,963,300	
LOANS	**2070**	**2071**	**2072**	**Total**
New Loans				
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 42,582,450	$ 43,756,600	$ 44,963,300	
% 20 Year Loans:				
% 30 Year Loans:				
20 Year Loan Amount:	$ 42,582,450	$ 43,756,600	$ 44,963,300	$ 2,169,611,591
30yr Loans Approved in FY 2012 (Funded in FY12&13)	$ -	$ -	$ -	$ 16,113,700
				$ 2,185,725,291
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	
Standard Subsidy 20-year and 30-year loans, respectively:				
Float Investment Rate:				
# of Months Investments on Float:				
New Grants				
Projected EPA Grants:				
Grant Amount				
State Match Requirements				
State Match Percentage				
DEBT				
New Debt (Revenue Bonds)				
Debt - Number of Years for Debt Service				
Debt - UW / COI Expenses (RATE)				
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 43,756,600	$ 44,963,300	$ 46,202,790	
Remaining Amount Needed to Fund New Loans	$ -	$ -	$ -	
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ -	$ -	$ -	
Amount of Bonds Required To Be Sold (Nearest $5K)	$ -	$ -	$ -	$ 671,610,000
Cost of Issuance	$ -	$ -	$ -	
Required Percentage DSRF Contribution from Grants or Recycled Funds				
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Fiscal Year:	2013	2014	2015	2016	2017	2018	2019	2020
Inflows								
Existing Loan Repayments and Investment Income:								
1. Loan Repayments (P&I) for Loans Currently Outstanding	$25,698,377	$28,385,583	$28,014,539	$27,378,345	$26,862,016	$25,251,473	$24,904,639	$23,593,954
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$4,701,588	$4,663,827	$4,674,014	$4,600,273	$4,614,246	$4,632,245	$3,990,523	$3,684,439
3. Funds on-hand available for Loans, debt service or DSRF's	$17,852,193							
New Loan Repayments & Investment Income:								
1. Loan Repayments (P&I) for New 20-Year Loans	$0	$0	$1,834,142	$4,629,412	$7,059,485	$9,489,572	$11,919,646	$14,349,811
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans								
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans								
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$0	$0	$459	$1,157	$1,765	$2,372	$2,980	$3,587
$'s Obtained from the Issuance of New Debt:								
1. General Obligation bonds for State Match requirements								
2. Revenue Bond issuance to fund new loans	$0	$21,905,000	$22,195,000	$21,710,000	$21,470,000	$22,200,000	$20,730,000	$20,865,000
Other:								
1. EPA Grant Money	$10,330,000	$5,432,130	$5,432,130	$0	$0			
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$58,582,158	$60,386,540	$62,150,283	$58,319,187	$60,007,512	$61,575,662	$61,547,788	$62,496,791
Outflows								
Existing Debt Service Payments:								
1. 2004 and 2011 Bond Debt Service (P&I)	$18,874,700	$18,799,975	$18,807,088	$18,626,938	$18,573,378	$18,417,378	$16,610,325	$15,894,825
New Loans Funded:								
1. 20-Year New Loan Issuance	$1,738,493	$27,287,395	$41,586,565	$36,153,352	$36,153,552	$36,153,370	$36,154,712	$36,152,505
2. 30-Year New Loan Issuance	$16,113,700	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:								
1. Revenue Bond Debt Service for 20-yr Loans	$0	$0	$1,757,714	$3,538,698	$5,280,765	$7,003,573	$8,784,958	$10,448,387
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:								
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$36,726,893	$46,087,370	$62,151,367	$58,318,987	$60,007,694	$61,574,320	$61,549,995	$62,495,717
Net Balance after Debt Service	$21,855,265	$36,154,435	$36,153,352	$36,153,552	$36,153,370	$36,154,712	$36,152,505	$36,153,578
Debt Service Coverage (Loan & DSRF P&I):		1.76	1.68	1.65	1.62	1.55	1.61	1.58

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Fiscal Year:	2021	2022	2023	2024	2025	2026	2027
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$22,156,146	$21,030,985	$20,084,593	$19,227,290	$17,379,566	$15,169,636	$11,809,562
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$3,336,137	$2,909,304	$2,773,708	$2,673,542	$3,488,510	$3,300,303	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$16,779,827	$19,209,915	$21,639,829	$24,069,738	$26,499,599	$28,929,566	$31,359,563
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$4,195	$4,802	$5,410	$6,017	$6,625	$7,232	$7,840
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$20,695,000	$19,735,000	$18,965,000	$18,260,000	$19,495,000	$20,385,000	$18,860,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$62,971,305	$62,890,006	$63,468,540	$64,236,588	$66,869,300	$67,791,737	$62,036,965
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$14,697,675	$12,955,825	$11,951,488	$11,196,163	$12,363,188	$11,721,075	$4,329,188
New Loans Funded:							
1. 20-Year New Loan Issuance	$36,153,578	$36,150,981	$36,150,912	$36,150,196	$36,151,768	$36,152,226	$36,152,446
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$12,122,649	$13,783,269	$15,366,857	$16,888,657	$18,353,887	$19,918,216	$21,553,961
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$62,973,902	$62,890,075	$63,469,256	$64,235,016	$66,868,842	$67,791,517	$62,035,595
Net Balance after Debt Service	$36,150,981	$36,150,912	$36,150,196	$36,151,768	$36,152,226	$36,152,446	$36,153,816
Debt Service Coverage (Loan & DSRF P&I):	1.58	1.61	1.63	1.64	1.54	1.50	1.67

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Fiscal Year:	2028	2029	2030	2031	2032	2033	2034
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$11,257,862	$10,735,661	$9,741,418	$8,314,539	$6,466,870	$3,348,779	$2,213,684
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0	$0	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$33,789,575	$36,219,680	$38,649,821	$41,079,854	$43,509,843	$45,939,878	$48,369,870
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$8,447	$9,055	$9,662	$10,270	$10,877	$11,485	$12,092
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$18,000,000	$17,125,000	$16,850,000	$16,045,000	$14,690,000	$16,555,000	$16,590,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$63,055,885	$64,089,395	$65,250,901	$65,449,662	$64,677,590	$65,855,142	$67,185,646
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$3,834,188	$3,424,938	$3,212,938	$2,058,938	$0	$0	$0
New Loans Funded:							
1. 20-Year New Loan Issuance	$36,153,816	$36,154,361	$36,152,755	$36,152,106	$36,152,780	$36,152,153	$36,150,941
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$23,067,337	$24,511,703	$25,885,857	$27,237,945	$28,525,437	$29,704,201	$31,032,617
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$63,055,340	$64,091,001	$65,251,550	$65,448,988	$64,678,217	$65,856,354	$67,183,558
Net Balance after Debt Service	$36,154,361	$36,152,755	$36,152,106	$36,152,780	$36,152,153	$36,150,941	$36,153,029
Debt Service Coverage (Loan & DSRF P&I):	1.67	1.68	1.66	1.69	1.75	1.66	1.63

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Fiscal Year:	2035	2036	2037	2038	2039	2040	2041
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$2,213,684	$2,213,684	$2,213,684	$2,213,684	$2,098,532	$1,983,381	$1,983,381
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0	$0	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$48,965,640	$48,600,421	$48,600,225	$48,600,130	$48,600,123	$48,599,858	$48,599,979
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$12,241	$12,150	$12,150	$12,150	$12,150	$12,150	$12,150
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$15,565,000	$15,400,000	$14,895,000	$14,365,000	$13,855,000	$13,415,000	$12,820,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$66,756,565	$66,226,254	$65,721,058	$65,190,963	$64,565,805	$64,010,389	$63,415,510
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$0	$0	$0	$0	$0	$0	$0
New Loans Funded:							
1. 20-Year New Loan Issuance	$36,153,029	$36,150,437	$36,152,135	$36,153,270	$36,150,770	$36,154,312	$36,150,564
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$30,606,128	$30,074,119	$29,567,789	$29,040,194	$28,411,493	$27,859,825	$27,262,018
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$66,759,157	$66,224,556	$65,719,924	$65,193,463	$64,562,262	$64,014,137	$63,412,582
Net Balance after Debt Service	$36,150,437	$36,152,135	$36,153,270	$36,150,770	$36,154,312	$36,150,564	$36,153,493
Debt Service Coverage (Loan & DSRF P&I):	1.67	1.69	1.72	1.75	1.78	1.82	1.86

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Fiscal Year:	2042	2043	2044	2045	2046	2047	2048
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$1,825,626	$1,402,430	$86,803	$0	$0	$0	$0
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0	$0	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$48,599,777	$48,599,945	$48,600,049	$48,600,197	$48,600,195	$48,600,151	$48,600,285
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$12,150	$12,150	$12,150	$12,150	$12,150	$12,150	$12,150
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$12,345,000	$12,175,000	$12,945,000	$12,605,000	$12,055,000	$11,385,000	$10,785,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$62,782,553	$62,189,526	$61,644,002	$61,217,348	$60,667,345	$59,997,301	$59,397,435
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$0	$0	$0	$0	$0	$0	$0
New Loans Funded:							
1. 20-Year New Loan Issuance	$36,153,493	$36,152,446	$36,152,411	$36,151,734	$36,151,569	$36,154,439	$36,152,815
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$26,630,107	$26,037,115	$25,492,268	$25,065,778	$24,512,907	$23,844,486	$23,244,673
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$62,783,600	$62,189,560	$61,644,678	$61,217,513	$60,664,476	$59,998,925	$59,397,488
Net Balance after Debt Service	$36,152,446	$36,152,411	$36,151,734	$36,151,569	$36,154,439	$36,152,815	$36,152,762
Debt Service Coverage (Loan & DSRF P&I):	1.89	1.92	1.91	1.94	1.98	2.04	2.09

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Fiscal Year:	2049	2050	2051	2052	2053	2054	2055
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$0	$0	$0	$0	$0	$0	$0
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0	$0	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$48,600,218	$48,600,110	$48,600,036	$48,600,016	$48,600,131	$48,600,239	$48,600,470
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$12,150	$12,150	$12,150	$12,150	$12,150	$12,150	$12,150
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$10,205,000	$9,650,000	$9,075,000	$8,515,000	$8,020,000	$7,335,000	$6,590,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$58,817,368	$58,262,260	$57,687,186	$57,127,166	$56,632,281	$55,947,389	$55,202,620
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$0	$0	$0	$0	$0	$0	$0
New Loans Funded:							
1. 20-Year New Loan Issuance	$36,152,762	$36,151,645	$36,151,817	$36,154,489	$36,153,760	$36,154,373	$36,154,352
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$22,665,722	$22,110,444	$21,532,697	$20,973,406	$20,477,908	$19,793,038	$19,050,393
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$58,818,485	$58,262,089	$57,684,514	$57,127,895	$56,631,668	$55,947,411	$55,204,744
Net Balance after Debt Service	$36,151,645	$36,151,817	$36,154,489	$36,153,760	$36,154,373	$36,154,352	$36,152,227
Debt Service Coverage (Loan & DSRF P&I):	2.14	2.20	2.26	2.32	2.37	2.46	2.55

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Fiscal Year:	2056	2057	2058	2059	2060	2061	2062
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$0	$0	$0	$0	$0	$0	$0
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0	$0	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$48,600,559	$48,600,679	$48,600,703	$48,600,640	$48,600,785	$48,600,757	$48,600,971
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$12,150	$12,150	$12,150	$12,150	$12,150	$12,150	$12,150
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$5,870,000	$5,105,000	$4,320,000	$3,515,000	$2,685,000	$1,825,000	$940,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$54,482,709	$53,717,829	$52,932,853	$52,127,790	$51,297,935	$50,437,907	$49,553,121
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$0	$0	$0	$0	$0	$0	$0
New Loans Funded:							
1. 20-Year New Loan Issuance	$36,152,227	$36,152,494	$36,152,326	$36,152,925	$36,153,898	$36,153,751	$36,154,726
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$18,330,215	$17,565,504	$16,779,929	$15,973,892	$15,144,183	$14,283,181	$13,400,913
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$54,482,443	$53,717,997	$52,932,254	$52,126,817	$51,298,082	$50,436,932	$49,555,640
Net Balance after Debt Service	$36,152,494	$36,152,326	$36,152,925	$36,153,898	$36,153,751	$36,154,726	$36,152,208
Debt Service Coverage (Loan & DSRF P&I):	2.65	2.77	2.90	3.04	3.21	3.40	3.63

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Fiscal Year:	2063	2064	2065	2066	2067	2068	2069
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$0	$0	$0	$0	$0	$0	$0
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0	$0	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$48,601,054	$48,601,038	$48,601,041	$48,664,940	$48,798,670	$49,004,489	$49,284,428
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$12,150	$12,150	$12,150	$12,166	$12,200	$12,251	$12,321
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$25,000	$0	$0	$0	$0	$0	$0
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$48,638,204	$48,613,188	$48,613,191	$48,677,106	$48,810,870	$49,016,740	$49,296,749
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$0	$0	$0	$0	$0	$0	$0
New Loans Funded:							
1. 20-Year New Loan Issuance	$36,152,208	$36,152,458	$37,102,389	$38,141,133	$39,216,505	$40,317,593	$41,437,025
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$12,485,747	$11,510,799	$10,472,059	$9,460,601	$8,493,277	$7,579,715	$6,714,298
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$48,637,955	$47,663,257	$47,574,448	$47,601,734	$47,709,782	$47,897,308	$48,151,324
Net Balance after Debt Service	$36,152,458	$37,102,389	$38,141,133	$39,216,505	$40,317,593	$41,437,025	$42,582,450
Debt Service Coverage (Loan & DSRF P&I):	3.89	4.22	4.64	5.15	5.75	6.47	7.34

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Fiscal Year:	2070	2071	2072
Inflows			
Existing Loan Repayments and Investment Income:			
1. Loan Repayments (P&I) for Loans Currently Outstanding	$0	$0	$0
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's			
New Loan Repayments & Investment Income:			
1. Loan Repayments (P&I) for New 20-Year Loans	$49,639,613	$50,071,864	$50,583,025
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans			
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans			
3. P&I for New 20-Year DSRF	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0
6. Investment Income on New Repayments	$12,410	$12,518	$12,646
$'s Obtained from the Issuance of New Debt:			
1. General Obligation bonds for State Match requirements			
2. Revenue Bond issuance to fund new loans	$0	$0	$0
Other:			
1. EPA Grant Money			
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$49,652,023	$50,084,382	$50,595,671
Outflows			
Existing Debt Service Payments:			
1. 2004 and 2011 Bond Debt Service (P&I)	$0	$0	$0
New Loans Funded:			
1. 20-Year New Loan Issuance	$42,582,450	$43,756,600	$44,963,300
2. 30-Year New Loan Issuance	$0	$0	$0
New Debt Service Payments:			
1. Revenue Bond Debt Service for 20-yr Loans	$5,895,423	$5,121,082	$4,392,880
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0
Debt Reserve Funding:			
1. Required Deposits to DSRF	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$48,477,873	$48,877,682	$49,356,181
Net Balance after Debt Service	$43,756,600	$44,963,300	$46,202,790
Debt Service Coverage (Loan & DSRF P&I):	8.42	9.78	11.52

OWRB
OKLAHOMA WATER RESOURCES BOARD
Clean Water State Revolving Fund
EXISTING ANNUAL CASH FLOW & COVERAGE

Fiscal Year Ending June 30th	Funds On Hand Restricted To Debt Service	(1) Projected Revenues To Pay Debt Service	Total Projected Sr. Lien Bonds Debt Service	Senior Debt Coverage	Excess After Debt Service
2013	-	$30,399,965	$18,874,700	1.61 x	$11,525,265
2014	-	33,049,410	18,799,975	1.76 x	14,249,435
2015	-	32,688,553	18,807,088	1.74 x	13,881,465
2016	-	31,978,618	18,626,938	1.72 x	13,351,681
2017	-	31,476,262	18,573,378	1.69 x	12,902,884
2018	-	29,883,718	18,417,378	1.62 x	11,466,341
2019	-	28,895,162	16,610,325	1.74 x	12,284,837
2020	-	27,278,393	15,894,825	1.72 x	11,383,568
2021	-	25,492,283	14,697,675	1.73 x	10,794,608
2022	-	23,940,289	12,955,825	1.85 x	10,984,464
2023	-	22,858,301	11,951,488	1.91 x	10,906,814
2024	-	21,900,832	11,196,163	1.96 x	10,704,670
2025	-	20,868,076	12,363,188	1.69 x	8,504,889
2026	-	18,469,939	11,721,075	1.58 x	6,748,864
2027	-	11,809,562	4,329,188	2.73 x	7,480,374
2028	-	11,257,862	3,834,188	2.94 x	7,423,674
2029	-	10,735,661	3,424,938	3.13 x	7,310,723
2030	-	9,741,418	3,212,938	3.03 x	6,528,480
2031	-	8,314,539	2,058,938	4.04 x	6,255,601
2032	-	6,466,870	-		6,466,870
2033	-	3,348,779	-		3,348,779
2034	-	2,213,684	-		2,213,684
2035	-	2,213,684	-		2,213,684
2036	-	2,213,684	-		2,213,684
2037	-	2,213,684	-		2,213,684
2038	-	2,213,684	-		2,213,684
2039	-	2,098,532	-		2,098,532
2040	-	1,983,381	-		1,983,381
2041	-	1,983,381	-		1,983,381
2042	-	1,825,626	-		1,825,626
2043	-	1,402,430	-		1,402,430
2044	-	86,803	-		86,803
		$461,303,065	$236,350,205		$224,952,860

(1) Includes all loan and DSRF P&I.

OWRB
OKLAHOMA WATER RESOURCES BOARD
Clean Water State Revolving Fund
EXISTING SOURCES OF REVENUES

Fiscal Year Ending June 30th	(1) Projected P&I from Existing & Construction Loans	(2) Projected P&I from Extended Term Loans Funded	(3) 2004 DSRF P&I	Projected Revenue To Pay Debt Service
2013	$25,292,984	$405,393	$4,701,588	$30,399,965
2014	26,719,902	1,665,681	4,663,827	33,049,410
2015	25,844,257	2,170,282	4,674,014	32,688,553
2016	25,164,662	2,213,684	4,600,273	31,978,618
2017	24,648,332	2,213,684	4,614,246	31,476,262
2018	23,037,790	2,213,684	4,632,245	29,883,718
2019	22,690,956	2,213,684	3,990,523	28,895,162
2020	21,380,270	2,213,684	3,684,439	27,278,393
2021	19,942,463	2,213,684	3,336,137	25,492,283
2022	18,817,301	2,213,684	2,909,304	23,940,289
2023	17,870,910	2,213,684	2,773,708	22,858,301
2024	17,013,607	2,213,684	2,673,542	21,900,832
2025	15,165,883	2,213,684	3,488,510	20,868,076
2026	12,955,953	2,213,684	3,300,303	18,469,939
2027	9,595,878	2,213,684	-	11,809,562
2028	9,044,178	2,213,684	-	11,257,862
2029	8,521,977	2,213,684	-	10,735,661
2030	7,527,734	2,213,684	-	9,741,418
2031	6,100,855	2,213,684	-	8,314,539
2032	4,253,186	2,213,684	-	6,466,870
2033	1,135,096	2,213,684	-	3,348,779
2034	-	2,213,684	-	2,213,684
2035		2,213,684	-	2,213,684
2036		2,213,684	-	2,213,684
2037		2,213,684	-	2,213,684
2038		2,213,684	-	2,213,684
2039		2,098,532	-	2,098,532
2040		1,983,381	-	1,983,381
2041		1,983,381	-	1,983,381
2042		1,825,626	-	1,825,626
2043		1,402,430	-	1,402,430
2044		86,803	-	86,803
	$342,724,175	$64,536,231	$54,042,659	$461,303,065

(1) Includes all existing pledged and non-pledged loans plus all current construction loans.
(2) See additional schedules for detials.

OWRB
OKLAHOMA WATER RESOURCES BOARD
Clean Water State Revolving Fund
EXISTING BOND DEBT SERVICE

Fiscal Year Ending June 30th	Series 2004 Senior Lien Bonds			Series 2011A Senior Lien Bonds			Total Debt Service
	Leveraged	State Match	Total	Leveraged	State Match	Total	
2013	$10,007,559	$562,754	$10,570,313	$7,568,588	$735,800	$8,304,388	$18,874,700
2014	9,922,484	558,404	10,480,888	7,617,988	701,100	$8,319,088	18,799,975
2015	9,926,396	558,004	10,484,400	7,660,388	662,300	8,322,688	18,807,088
2016	9,735,178	561,573	10,296,750	7,700,388	629,800	8,330,188	18,626,938
2017	9,742,988	559,203	10,302,190	7,678,988	592,200	8,271,188	18,573,378
2018	9,752,488	560,953	10,313,440	7,547,738	556,200	8,103,938	18,417,378
2019	8,309,928	561,760	8,871,688	7,223,638	515,000	7,738,638	16,610,325
2020	7,610,678	561,510	8,172,188	7,246,638	476,000	7,722,638	15,894,825
2021	6,827,028	560,710	7,387,738	6,873,338	436,600	7,309,938	14,697,675
2022	5,881,475	559,663	6,441,138	6,119,838	394,850	6,514,688	12,955,825
2023	5,572,975	562,575	6,135,550	5,461,588	354,350	5,815,938	11,951,488
2024	5,351,413	559,563	5,910,975	4,975,088	310,100	5,285,188	11,196,163
2025	7,137,663	560,338	7,698,000	4,397,838	267,350	4,665,188	12,363,188
2026	7,274,888	-	7,274,888	4,220,088	226,100	4,446,188	11,721,075
2027	-	-	-	4,152,838	176,350	4,329,188	4,329,188
2028	-	-	-	3,700,588	133,600	3,834,188	3,834,188
2029	-	-	-	3,332,338	92,600	3,424,938	3,424,938
2030	-	-	-	3,159,588	53,350	3,212,938	3,212,938
2031	-	-	-	2,038,088	20,850	2,058,938	2,058,938
2032	-	-	-	-	-	-	-
2033	-	-	-	-	-	-	-
2034	-	-	-	-	-	-	-
2035	-	-	-	-	-	-	-
2036	-	-	-	-	-	-	-
2037	-	-	-	-	-	-	-
2038	-	-	-	-	-	-	-
2039	-	-	-	-	-	-	-
2040	-	-	-	-	-	-	-
2041	-	-	-	-	-	-	-
2042	-	-	-	-	-	-	-
2043	-	-	-	-	-	-	-
2044	-	-	-	-	-	-	-
	$113,053,136	$7,287,006	$120,340,143	$108,675,563	$7,334,500	$116,010,063	$236,350,205

OWRB Clean Water State Revolving Fund Projected Annual Cash Flow Coverage

CWSRF 60-Year Capacity Model: 20- & 30-year loans

Breakdown of 30-Year Loans Funded in FY2012 with Original Amortization

			30-YEAR	30-YEAR	30-YEAR	30-YEAR	30-YEAR	30-YEAR
		Borrower:	Eufaula Public Works Authority	Muldrow Public Works Authority	Pawnee Public Works Authority	Yale Water and Sewage Trust	Oklahoma City Water Utilities Trust	Calera Public Works Authority
		Total Par	**$3,870,523**	**$3,206,885**	**$5,660,000**	**$2,757,000**	**$24,926,727**	**$4,759,000**
		Par Funded in Fy 2011:	$1,164,152	$2,292,744	$6,296,749	$2,400,414	$15,898,968	$4,985,000
		Par Funded in Fy 2012:	$2,870,848	$1,412,256	$658,251	$589,586	$9,027,759	$0
		Rate:	2.0600%	2.3900%	2.8400%	2.9200%	2.7700%	2.2600%
		First Pmt:	02/15/14	09/15/13	02/15/13	09/15/12	09/15/13	02/15/11
		Last Pmt:	08/15/43	03/15/41	02/15/42	03/15/42	03/15/43	08/15/38
Date	ANNUAL DS	ID:	ORF-11-0009-CW	ORF-11-0007-CW	ORF-10-0003-CW	ORF-11-0001-CW	ORF-10-0011-CW	ORF-10-0010-CW
10/01/12	-		-	-	-	34,646	-	115,151
04/01/13	405,393		-	-	71,153	69,292	-	115,151
10/01/13	-		-	39,439	71,153	69,292	307,206	115,151
04/01/14	1,665,681		43,402	78,877	142,306	69,292	614,412	115,151
10/01/14	-		43,402	78,877	142,306	69,292	614,412	115,151
04/01/15	2,170,282		86,803	78,877	142,306	69,292	614,412	115,151
10/01/15	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/16	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/16	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/17	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/17	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/18	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/18	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/19	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/19	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/20	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/20	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/21	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/21	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/22	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/22	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/23	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/23	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/24	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/24	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/25	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/25	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/26	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/26	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/27	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/27	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/28	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/28	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/29	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/29	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/30	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/30	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/31	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/31	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/32	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/32	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/33	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/33	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/34	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/34	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/35	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/35	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/36	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/36	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/37	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/37	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/38	2,213,684		86,803	78,877	142,306	69,292	614,412	115,151
10/01/38	-		86,803	78,877	142,306	69,292	614,412	115,151
04/01/39	2,098,532		86,803	78,877	142,306	69,292	614,412	-
10/01/39	-		86,803	78,877	142,306	69,292	614,412	-
04/01/40	1,983,381		86,803	78,877	142,306	69,292	614,412	-
10/01/40	-		86,803	78,877	142,306	69,292	614,412	-
04/01/41	1,983,381		86,803	78,877	142,306	69,292	614,412	-
10/01/41	-		86,803	-	142,306	69,292	614,412	-
04/01/42	1,825,626		86,803	-	142,306	69,292	614,412	-
10/01/42	-		86,803	-	-	-	614,412	-
04/01/43	1,402,430		86,803	-	-	-	614,412	-
10/01/43	-		86,803	-	-	-	-	-
04/01/44	86,803		-	-	-	-	-	-
Total	64,536,231		5,121,402	4,377,693	8,253,767	4,122,860	36,557,493	6,103,015

FY	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
20-Yr Debt																					
Issued:	**-**	**21,905,000**	**22,195,000**	**21,710,000**	**21,470,000**	**22,200,000**	**20,730,000**	**20,865,000**	**20,695,000**	**19,735,000**	**18,965,000**	**18,260,000**	**19,495,000**	**20,385,000**	**18,860,000**	**18,000,000**	**17,125,000**	**16,850,000**	**16,045,000**	**14,690,000**	**16,555,000**
Bond Rate	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**
Start FY	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
End FY	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
Total	**-**	**35,154,277**	**35,619,684**	**34,841,331**	**34,456,167**	**35,627,709**	**33,268,577**	**33,485,232**	**33,212,407**	**31,671,749**	**30,436,013**	**29,304,593**	**31,286,585**	**32,714,903**	**30,267,504**	**28,887,331**	**27,483,086**	**27,041,752**	**25,749,846**	**23,575,272**	**26,568,321**
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	1,757,714	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	-	1,757,714	1,780,984	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	1,757,714	1,780,984	1,742,067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	1,757,714	1,780,984	1,742,067	1,722,808	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	-	-	-	-	-	-	-	-	-	-	-
2024	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	-	-	-	-	-	-	-	-	-	-
2025	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	-	-	-	-	-	-	-	-	-
2026	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	-	-	-	-	-	-	-	-
2027	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	-	-	-	-	-	-	-
2028	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	-	-	-	-	-	-
2029	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	-	-	-	-	-
2030	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	-	-	-	-
2031	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	-	-	-
2032	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	-	-
2033	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	-
2034	-	1,757,714	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2035	-	-	1,780,984	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2036	-	-	-	1,742,067	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2037	-	-	-	-	1,722,808	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2038	-	-	-	-	-	1,781,385	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2039	-	-	-	-	-	-	1,663,429	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2040	-	-	-	-	-	-	-	1,674,262	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2041	-	-	-	-	-	-	-	-	1,660,620	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2042	-	-	-	-	-	-	-	-	-	1,583,587	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2043	-	-	-	-	-	-	-	-	-	-	1,521,801	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2044	-	-	-	-	-	-	-	-	-	-	-	1,465,230	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2045	-	-	-	-	-	-	-	-	-	-	-	-	1,564,329	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	1,635,745	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,513,375	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,444,367	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,374,154	1,352,088	1,287,492	1,178,764	1,328,416
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,352,088	1,287,492	1,178,764	1,328,416
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,287,492	1,178,764	1,328,416
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,178,764	1,328,416
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,328,416
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2094	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2099	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FY	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
20-Yr Debt																					
Issued:	**16,590,000**	**15,565,000**	**15,400,000**	**14,895,000**	**14,365,000**	**13,855,000**	**13,415,000**	**12,820,000**	**12,345,000**	**12,175,000**	**12,945,000**	**12,605,000**	**12,055,000**	**11,385,000**	**10,785,000**	**10,205,000**	**9,650,000**	**9,075,000**	**8,515,000**	**8,020,000**	**7,335,000**
Bond Rate	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**
Start FY	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
End FY	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074
Total	**26,624,490**	**24,979,517**	**24,714,717**	**23,904,267**	**23,053,695**	**22,235,221**	**21,529,086**	**20,574,199**	**19,811,895**	**19,539,070**	**20,774,806**	**20,229,156**	**19,346,488**	**18,271,237**	**17,308,326**	**16,377,512**	**15,486,819**	**14,564,030**	**13,665,313**	**12,870,911**	**11,771,588**
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2035	1,331,225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2036	1,331,225	1,248,976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2037	1,331,225	1,248,976	1,235,736	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2038	1,331,225	1,248,976	1,235,736	1,195,213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2039	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2040	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2041	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2042	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	-	-	-	-	-	-	-	-	-	-	-	-	-
2043	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	-	-	-	-	-	-	-	-	-	-	-	-
2044	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	-	-	-	-	-	-	-	-	-	-	-
2045	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	-	-	-	-	-	-	-	-	-	-
2046	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	-	-	-	-	-	-	-	-	-
2047	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	-	-	-	-	-	-	-	-
2048	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	-	-	-	-	-	-	-
2049	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	-	-	-	-	-	-
2050	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	-	-	-	-	-
2051	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	-	-	-	-
2052	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	-	-	-
2053	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	-	-
2054	1,331,225	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	-
2055	-	1,248,976	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2056	-	-	1,235,736	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2057	-	-	-	1,195,213	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2058	-	-	-	-	1,152,685	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2059	-	-	-	-	-	1,111,761	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2060	-	-	-	-	-	-	1,076,454	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2061	-	-	-	-	-	-	-	1,028,710	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2062	-	-	-	-	-	-	-	-	990,595	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2063	-	-	-	-	-	-	-	-	-	976,953	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2064	-	-	-	-	-	-	-	-	-	-	1,038,740	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2065	-	-	-	-	-	-	-	-	-	-	-	1,011,458	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2066	-	-	-	-	-	-	-	-	-	-	-	-	967,324	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	913,562	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	865,416	818,876	774,341	728,201	683,266	643,546	588,579
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	818,876	774,341	728,201	683,266	643,546	588,579
2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	774,341	728,201	683,266	643,546	588,579
2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	728,201	683,266	643,546	588,579
2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	683,266	643,546	588,579
2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	643,546	588,579
2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	588,579
2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2094	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2099	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FY 20-Yr Debt	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	TOTALS
Issued:	**6,590,000**	**5,870,000**	**5,105,000**	**4,320,000**	**3,515,000**	**2,685,000**	**1,825,000**	**940,000**	**25,000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**671,610,000**
Bond Rate	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**0.00%**	
Start FY	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	
End FY	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	
Total	**10,575,973**	**9,420,480**	**8,192,768**	**6,932,960**	**5,641,054**	**4,309,027**	**2,928,854**	**1,508,561**	**40,121**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,077,834,480**
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,757,714
2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,538,698
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,280,765
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,003,573
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,784,958
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,448,387
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,122,649
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13,783,269
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15,366,857
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16,888,657
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18,353,887
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,918,216
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,553,961
2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23,067,337
2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,511,703
2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,885,857
2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27,237,945
2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,525,437
2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,704,201
2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31,032,617
2035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30,606,128
2036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30,074,119
2037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,567,789
2038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,040,194
2039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,411,493
2040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27,859,825
2041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27,262,018
2042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,630,107
2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,037,115
2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,492,268
2045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,065,778
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,512,907
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23,844,486
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23,244,673
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22,665,722
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22,110,444
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,532,697
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20,973,406
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20,477,908
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,793,038
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,050,393
2056	528,799	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18,330,215
2057	528,799	471,024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17,565,504
2058	528,799	471,024	409,638	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16,779,929
2059	528,799	471,024	409,638	346,648	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15,973,892
2060	528,799	471,024	409,638	346,648	282,053	-	-	-	-	-	-	-	-	-	-	-	-	-	15,144,183
2061	528,799	471,024	409,638	346,648	282,053	215,451	-	-	-	-	-	-	-	-	-	-	-	-	14,283,181
2062	528,799	471,024	409,638	346,648	282,053	215,451	146,443	-	-	-	-	-	-	-	-	-	-	-	13,400,913
2063	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	-	-	-	-	-	-	-	-	-	-	12,485,747
2064	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	11,510,799
2065	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	10,472,059
2066	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	9,460,601
2067	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	8,493,277
2068	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	7,579,715
2069	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	6,714,298
2070	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	5,895,423
2071	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	5,121,082
2072	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	4,392,880
2073	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	3,709,615
2074	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	3,066,069
2075	528,799	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	2,477,490
2076	-	471,024	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	1,948,691
2077	-	-	409,638	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	1,477,667
2078	-	-	-	346,648	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	1,068,029
2079	-	-	-	-	282,053	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	721,381
2080	-	-	-	-	-	215,451	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	439,328
2081	-	-	-	-	-	-	146,443	75,428	2,006	-	-	-	-	-	-	-	-	-	223,877
2082	-	-	-	-	-	-	-	75,428	2,006	-	-	-	-	-	-	-	-	-	77,434
2083	-	-	-	-	-	-	-	-	2,006	-	-	-	-	-	-	-	-	-	2,006
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2094	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2099	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FY 20-Yr Debt	FY 30-Yr Debt	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Issued:	**Issued:**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bond Rate	**Bond Rate**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**
Start FY	Start FY	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
End FY	End FY	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062
Total	**Total**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2013	2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2028	2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2029	2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2030	2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2031	2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2032	2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2033	2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2034	2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2035	2035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2036	2036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2037	2037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2038	2038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2039	2039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2040	2040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2041	2041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2042	2042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2043	2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2044	2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2045	2045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2046	2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2047	2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2048	2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2049	2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2050	2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2051	2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2052	2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2053	2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2054	2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2055	2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2056	2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2057	2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2058	2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2059	2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2060	2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2061	2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2062	2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2063	2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2064	2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2065	2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2066	2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2067	2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2068	2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2069	2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2070	2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2071	2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2072	2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2073	2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2074	2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2075	2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2076	2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2077	2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2078	2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2079	2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2092	2092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2093	2093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2094	2094																				
2095	2095																				
2096	2096																				
2097	2097																				
2098	2098																				
2099	2099																				
2100	2100																				
2101	2101																				

FY	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
20-Yr Debt																					
Issued:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bond Rate	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**
Start FY	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
End FY	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2094																					
2095																					
2096																					
2097																					
2098																					
2099																					
2100																					
2101																					

FY	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	TOTALS
20-Yr Debt																				
Issued:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bond Rate	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	
Start FY	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	
End FY	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2094																				
2095																				
2096																				
2097																				
2098																				
2099																				
2100																				
2101																				

Loans

Loans Amortized with Level P&I Over: 20 Years

FY 20-Yr Loans	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Loaned:		**27,287,395**	**41,586,565**	**36,153,352**	**36,153,552**	**36,153,370**	**36,154,712**	**36,152,505**	**36,153,578**	**36,150,981**	**36,150,912**	**36,150,196**	**36,151,768**	**36,152,226**	**36,152,446**	**36,153,816**	**36,154,361**	**36,152,755**	**36,152,106**	**36,152,780**	**36,152,153**	**36,150,941**	**36,153,029**
Loan Rate	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**
Start FY	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
End FY	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
Total	**-**	**36,682,832**	**55,905,408**	**48,601,462**	**48,601,731**	**48,601,487**	**48,603,291**	**48,600,324**	**48,601,767**	**48,598,276**	**48,598,183**	**48,597,220**	**48,599,333**	**48,599,949**	**48,600,245**	**48,602,086**	**48,602,819**	**48,600,660**	**48,599,787**	**48,600,693**	**48,599,851**	**48,598,222**	**48,601,029**
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	1,834,142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	-	1,834,142	2,795,270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	1,834,142	2,795,270	2,430,073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	1,834,142	2,795,270	2,430,073	2,430,087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	-	-	-	-	-	-	-	-	-	-	-	-
2025	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	-	-	-	-	-	-	-	-	-	-	-
2026	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	-	-	-	-	-	-	-	-	-	-
2027	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	-	-	-	-	-	-	-	-	-
2028	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	-	-	-	-	-	-	-	-
2029	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	-	-	-	-	-	-	-
2030	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	-	-	-	-	-	-
2031	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	-	-	-	-	-
2032	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	-	-	-	-
2033	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	-	-	-
2034	-	1,834,142	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	-	-
2035	-	-	2,795,270	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	-
2036	-	-	-	2,430,073	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2037	-	-	-	-	2,430,087	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2038	-	-	-	-	-	2,430,074	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2039	-	-	-	-	-	-	2,430,165	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2040	-	-	-	-	-	-	-	2,430,016	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2041	-	-	-	-	-	-	-	-	2,430,088	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2042	-	-	-	-	-	-	-	-	-	2,429,914	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2043	-	-	-	-	-	-	-	-	-	-	2,429,909	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2044	-	-	-	-	-	-	-	-	-	-	-	2,429,861	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2045	-	-	-	-	-	-	-	-	-	-	-	-	2,429,967	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	2,429,997	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,012	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,104	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,141	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,033	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,429,989	2,430,035	2,429,993	2,429,911	2,430,051
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,035	2,429,993	2,429,911	2,430,051
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,429,993	2,429,911	2,430,051
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,429,911	2,430,051
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,051
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FY 20-Yr Loans	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058
Loaned:	**36,150,437**	**36,152,135**	**36,153,270**	**36,150,770**	**36,154,312**	**36,150,564**	**36,153,493**	**36,152,446**	**36,152,411**	**36,151,734**	**36,151,569**	**36,154,439**	**36,152,815**	**36,152,762**	**36,151,645**	**36,151,817**	**36,154,489**	**36,153,760**	**36,154,373**	**36,154,352**	**36,152,227**	**36,152,494**	**36,152,326**
Loan Rate	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**
Start FY	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059
End FY	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078
Total	**48,597,544**	**48,599,827**	**48,601,352**	**48,597,991**	**48,602,754**	**48,597,715**	**48,601,652**	**48,600,244**	**48,600,198**	**48,599,288**	**48,599,066**	**48,602,923**	**48,600,741**	**48,600,670**	**48,599,169**	**48,599,399**	**48,602,991**	**48,602,011**	**48,602,835**	**48,602,806**	**48,599,951**	**48,600,309**	**48,600,083**
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2037	2,429,877	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2038	2,429,877	2,429,991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2039	2,429,877	2,429,991	2,430,068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2040	2,429,877	2,429,991	2,430,068	2,429,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2041	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2042	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2043	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2044	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2045	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2046	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	-	-	-	-	-	-	-	-	-	-	-	-	-
2047	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	-	-	-	-	-	-	-	-	-	-	-	-
2048	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	-	-	-	-	-	-	-	-	-	-	-
2049	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	-	-	-	-	-	-	-	-	-	-
2050	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	-	-	-	-	-	-	-	-	-
2051	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	-	-	-	-	-	-	-	-
2052	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	-	-	-	-	-	-	-
2053	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	-	-	-	-	-	-
2054	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	-	-	-	-	-
2055	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	-	-	-	-
2056	2,429,877	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	-	-	-
2057	-	2,429,991	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	-	-
2058	-	-	2,430,068	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	-
2059	-	-	-	2,429,900	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2060	-	-	-	-	2,430,138	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2061	-	-	-	-	-	2,429,886	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2062	-	-	-	-	-	-	2,430,083	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2063	-	-	-	-	-	-	-	2,430,012	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2064	-	-	-	-	-	-	-	-	2,430,010	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2065	-	-	-	-	-	-	-	-	-	2,429,964	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2066	-	-	-	-	-	-	-	-	-	-	2,429,953	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2067	-	-	-	-	-	-	-	-	-	-	-	2,430,146	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2068	-	-	-	-	-	-	-	-	-	-	-	-	2,430,037	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,034	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,429,958	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,429,970	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,150	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,101	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,142	2,430,140	2,429,998	2,430,015	2,430,004
2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,140	2,429,998	2,430,015	2,430,004
2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,429,998	2,430,015	2,430,004
2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,015	2,430,004
2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430,004
2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FY 20-Yr Loans	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	TOTALS
Loaned:	**36,152,925**	**36,153,898**	**36,153,751**	**36,154,726**	**36,152,208**	**36,152,458**	**37,102,389**	**38,141,133**	**39,216,505**	**40,317,593**	**41,437,025**	**42,582,450**	**43,756,600**	**44,963,300**	**2,167,873,098**
Loan Rate	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	
Start FY	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	
End FY	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	
Total	**48,600,888**	**48,602,197**	**48,602,000**	**48,603,310**	**48,599,925**	**48,600,261**	**49,877,267**	**51,273,664**	**52,719,303**	**54,199,511**	**55,704,380**	**57,244,190**	**58,822,617**	**60,444,801**	**2,914,302,486**
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,834,142
2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,629,412
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,059,485
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,489,572
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11,919,646
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,349,811
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16,779,827
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,209,915
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,639,829
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,069,738
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,499,599
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,929,566
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31,359,563
2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33,789,575
2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36,219,680
2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38,649,821
2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41,079,854
2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,509,843
2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45,939,878
2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,369,870
2035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,965,640
2036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,421
2037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,225
2038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,130
2039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,123
2040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,599,858
2041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,599,979
2042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,599,777
2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,599,945
2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,049
2045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,197
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,195
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,151
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,285
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,218
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,110
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,036
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,016
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,131
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,239
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,470
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,559
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,679
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,703
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,640
2060	2,430,044	-	-	-	-	-	-	-	-	-	-	-	-	-	48,600,785
2061	2,430,044	2,430,110	-	-	-	-	-	-	-	-	-	-	-	-	48,600,757
2062	2,430,044	2,430,110	2,430,100	-	-	-	-	-	-	-	-	-	-	-	48,600,971
2063	2,430,044	2,430,110	2,430,100	2,430,166	-	-	-	-	-	-	-	-	-	-	48,601,054
2064	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	-	-	-	-	-	-	-	-	-	48,601,038
2065	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	-	-	-	-	-	-	-	-	48,601,041
2066	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	-	-	-	-	-	-	-	48,664,940
2067	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	-	-	-	-	-	-	48,798,670
2068	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	-	-	-	-	-	49,004,489
2069	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	-	-	-	-	49,284,428
2070	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	-	-	-	49,639,613
2071	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	-	-	50,071,864
2072	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	-	50,583,025
2073	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	51,175,115
2074	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	48,745,015
2075	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	46,314,873
2076	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	43,884,733
2077	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	41,454,735
2078	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	39,024,720
2079	2,430,044	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	36,594,716
2080	-	2,430,110	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	34,164,671
2081	-	-	2,430,100	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	31,734,561
2082	-	-	-	2,430,166	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	29,304,461
2083	-	-	-	-	2,429,996	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	26,874,296
2084	-	-	-	-	-	2,430,013	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	24,444,300
2085	-	-	-	-	-	-	2,493,863	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	22,014,287
2086	-	-	-	-	-	-	-	2,563,683	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	19,520,423
2087	-	-	-	-	-	-	-	-	2,635,965	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	16,956,740
2088	-	-	-	-	-	-	-	-	-	2,709,976	2,785,219	2,862,210	2,941,131	3,022,240	14,320,775
2089	-	-	-	-	-	-	-	-	-	-	2,785,219	2,862,210	2,941,131	3,022,240	11,610,799
2090	-	-	-	-	-	-	-	-	-	-	-	2,862,210	2,941,131	3,022,240	8,825,580
2091	-	-	-	-	-	-	-	-	-	-	-	-	2,941,131	3,022,240	5,963,371

Attachment 15: CWSRF Capacity Model 2012 for 20 year loans

Equity Needed to Fund New Loans (cut-off):	**$37,550,000**	$ 21,936,701	$ 37,553,320	$ 37,553,126	$ 37,553,107	$ 37,553,398	$ 37,551,402	$ 37,552,493

LOANS	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**
New Loans								
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 17,852,193	$ 27,368,831	$ 42,985,450	$ 37,553,126	$ 37,553,107	$ 37,553,398	$ 37,551,402	$ 37,552,493
% 20 Year Loans:	**100%**							
% 30 Year Loans:	**0%**							
20 Year Loan Amount:	$ 1,738,493	$ 27,368,831	$ 42,985,450	$ 37,553,126	$ 37,553,107	$ 37,553,398	$ 37,551,402	$ 37,552,493
30yr Loans Approved in FY 2012 Re-amortized as 20yr Loan (Funded in FY12&13)	$ 16,113,700	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:	**40.00%**	**40.00%**						
Float Investment Rate:	**0.10%**							
# of Months Investments on Float:	**3**							
New Grants								
Projected EPA Grants:								
Grant Amount	**$ 10,330,000**	**$ 5,432,130**	**$ 5,432,130**	**$ -**	**$ -**			
State Match Requirements	$ -	$ -	$ -	$ -	$ -			
State Match Percentage	**0.00%**							

DEBT								
New Debt (Revenue Bonds)								
Debt - Number of Years for Debt Service	**20**	**...or 30 depending on loan type**						
Debt - UW / COI Expenses (RATE)	**0.00%**							
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 21,936,701	$ 14,608,320	$ 14,353,126	$ 14,863,107	$ 15,118,398	$ 14,406,402	$ 15,892,493	$ 15,777,844
Remaining Amount Needed to Fund New Loans	$ 15,613,299	$ 22,941,680	$ 23,196,874	$ 22,686,893	$ 22,431,602	$ 23,143,598	$ 21,657,507	$ 21,772,156
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)		$ 22,941,680	$ 23,196,874	$ 22,686,893	$ 22,431,602	$ 23,143,598	$ 21,657,507	$ 21,772,156
Amount of Bonds Required To Be Sold (Nearest $5K)		$ 22,945,000	$ 23,200,000	$ 22,690,000	$ 22,435,000	$ 23,145,000	$ 21,660,000	$ 21,775,000
Cost of Issuance		$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds	**0.00%**							
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

20-Yr Only Scenario Total Loans + Ending Fund Balance:	2,267,887,631	Capacity Loss
20-Yr Only Scenario Total Loans + Ending Fund Balance:	2,267,887,631	0.000%

OWRB Clean Water State Revolving Fund

CWSRF 60-Year Capacity Model: 20-year loans

Equity Needed to Fund New Loans (cut-off):	$ 37,552,844	$ 37,551,350	$ 37,553,942	$ 37,552,565	$ 37,550,661	$ 37,550,006	$ 37,551,287	$ 37,551,050	$ 37,552,867

LOANS	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**
New Loans									
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 37,552,844	$ 37,551,350	$ 37,553,942	$ 37,552,565	$ 37,550,661	$ 37,550,006	$ 37,551,287	$ 37,551,050	$ 37,552,867
% 20 Year Loans:				**100%**					
% 30 Year Loans:				**0%**					
20 Year Loan Amount:	$ 37,552,844	$ 37,551,350	$ 37,553,942	$ 37,552,565	$ 37,550,661	$ 37,550,006	$ 37,551,287	$ 37,551,050	$ 37,552,867
30yr Loans Approved in FY 2012 Re-amortized as 20yr Loan (Funded in FY12&13)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:									
Float Investment Rate:									
# of Months Investments on Float:									
New Grants									
Projected EPA Grants:									
Grant Amount									
State Match Requirements									
State Match Percentage									

DEBT									
New Debt (Revenue Bonds)									
Debt - Number of Years for Debt Service									
Debt - UW / COI Expenses (RATE)									
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 15,966,350	$ 16,948,942	$ 17,742,565	$ 18,475,661	$ 17,270,006	$ 16,411,287	$ 17,971,050	$ 18,867,867	$ 19,780,235
Remaining Amount Needed to Fund New Loans	$ 21,583,650	$ 20,601,058	$ 19,807,435	$ 19,074,339	$ 20,279,994	$ 21,138,713	$ 19,578,950	$ 18,682,133	$ 17,769,765
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 21,583,650	$ 20,601,058	$ 19,807,435	$ 19,074,339	$ 20,279,994	$ 21,138,713	$ 19,578,950	$ 18,682,133	$ 17,769,765
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 21,585,000	$ 20,605,000	$ 19,810,000	$ 19,075,000	$ 20,280,000	$ 21,140,000	$ 19,580,000	$ 18,685,000	$ 17,770,000
Cost of Issuance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds									
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OWRB Clean Water State Revolving Fund

CWSRF 60-Year Capacity Model: 20-year loans

Equity Needed to Fund New Loans (cut-off):	$ 37,550,235	$ 37,551,854	$ 37,552,938	$ 37,551,484	$ 37,554,114	$ 37,551,968	$ 37,550,025	$ 37,551,273

LOANS	2030	2031	2032	2033	2034	2035	2036	2037
New Loans								
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 37,550,235	$ 37,551,854	$ 37,552,938	$ 37,551,484	$ 37,554,114	$ 37,551,968	$ 37,550,025	$ 37,551,273
% 20 Year Loans:					100%			
% 30 Year Loans:					0%			
20 Year Loan Amount:	$ 37,550,235	$ 37,551,854	$ 37,552,938	$ 37,551,484	$ 37,554,114	$ 37,551,968	$ 37,550,025	$ 37,551,273
30yr Loans Approved in FY 2012 Re-amortized as 20yr Loan (Funded in FY12&13)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:								
Float Investment Rate:								
# of Months Investments on Float:								
New Grants								
Projected EPA Grants:								
Grant Amount								
State Match Requirements								
State Match Percentage								

DEBT								
New Debt (Revenue Bonds)								
Debt - Number of Years for Debt Service								
Debt - UW / COI Expenses (RATE)								
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 20,096,854	$ 20,947,938	$ 22,351,484	$ 20,264,114	$ 20,181,968	$ 20,040,025	$ 19,066,273	$ 19,403,485
Remaining Amount Needed to Fund New Loans	$ 17,453,146	$ 16,602,062	$ 15,198,516	$ 17,285,886	$ 17,368,032	$ 17,509,975	$ 18,483,727	$ 18,146,515
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 17,453,146	$ 16,602,062	$ 15,198,516	$ 17,285,886	$ 17,368,032	$ 17,509,975	$ 18,483,727	$ 18,146,515
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 17,455,000	$ 16,605,000	$ 15,200,000	$ 17,290,000	$ 17,370,000	$ 17,510,000	$ 18,485,000	$ 18,150,000
Cost of Issuance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds								
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OWRB Clean Water State Revolving Fund

CWSRF 60-Year Capacity Model: 20-year loans

Equity Needed to Fund New Loans (cut-off):	$ 37,553,485	$ 37,552,201	$ 37,550,702	$ 37,554,596	$ 37,554,825	$ 37,550,539	$ 37,554,828	$ 37,552,545

LOANS	2038	2039	2040	2041	2042	2043	2044	2045
New Loans								
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 37,553,485	$ 37,552,201	$ 37,550,702	$ 37,554,596	$ 37,554,825	$ 37,550,539	$ 37,554,828	$ 37,552,545
% 20 Year Loans:							100%	
% 30 Year Loans:							0%	
20 Year Loan Amount:	$ 37,553,485	$ 37,552,201	$ 37,550,702	$ 37,554,596	$ 37,554,825	$ 37,550,539	$ 37,554,828	$ 37,552,545
30yr Loans Approved in FY 2012 Re-amortized as 20yr Loan (Funded in FY12&13)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:								
Float Investment Rate:								
# of Months Investments on Float:								
New Grants								
Projected EPA Grants:								
Grant Amount								
State Match Requirements								
State Match Percentage								

DEBT								
New Debt (Revenue Bonds)								
Debt - Number of Years for Debt Service								
Debt - UW / COI Expenses (RATE)								
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 19,747,201	$ 20,175,702	$ 20,519,596	$ 20,899,825	$ 21,295,539	$ 21,644,828	$ 21,957,545	$ 22,236,941
Remaining Amount Needed to Fund New Loans	$ 17,802,799	$ 17,374,298	$ 17,030,404	$ 16,650,175	$ 16,254,461	$ 15,905,172	$ 15,592,455	$ 15,313,059
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 17,802,799	$ 17,374,298	$ 17,030,404	$ 16,650,175	$ 16,254,461	$ 15,905,172	$ 15,592,455	$ 15,313,059
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 17,805,000	$ 17,375,000	$ 17,035,000	$ 16,655,000	$ 16,255,000	$ 15,910,000	$ 15,595,000	$ 15,315,000
Cost of Issuance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds								
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OWRB Clean Water State Revolving Fund

CWSRF 60-Year Capacity Model: 20-year loans

Equity Needed to Fund New Loans (cut-off):	$ 37,551,941	$ 37,550,472	$ 37,550,113	$ 37,554,511	$ 37,554,983	$ 37,552,298	$ 37,551,427	$ 37,553,941

LOANS	**2046**	**2047**	**2048**	**2049**	**2050**	**2051**	**2052**	**2053**
New Loans								
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 37,551,941	$ 37,550,472	$ 37,550,113	$ 37,554,511	$ 37,554,983	$ 37,552,298	$ 37,551,427	$ 37,553,941
% 20 Year Loans:								
% 30 Year Loans:								
20 Year Loan Amount:	$ 37,551,941	$ 37,550,472	$ 37,550,113	$ 37,554,511	$ 37,554,983	$ 37,552,298	$ 37,551,427	$ 37,553,941
30yr Loans Approved in FY 2012 Re-amortized as 20yr Loan (Funded in FY12&13)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:								
Float Investment Rate:								
# of Months Investments on Float:								
New Grants								
Projected EPA Grants:								
Grant Amount								
State Match Requirements								
State Match Percentage								

DEBT								
New Debt (Revenue Bonds)								
Debt - Number of Years for Debt Service								
Debt - UW / COI Expenses (RATE)								
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 22,635,472	$ 23,135,113	$ 23,549,511	$ 23,924,983	$ 24,257,298	$ 24,591,427	$ 24,883,941	$ 25,086,853
Remaining Amount Needed to Fund New Loans	$ 14,914,528	$ 14,414,887	$ 14,000,489	$ 13,625,017	$ 13,292,702	$ 12,958,573	$ 12,666,059	$ 12,463,147
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 14,914,528	$ 14,414,887	$ 14,000,489	$ 13,625,017	$ 13,292,702	$ 12,958,573	$ 12,666,059	$ 12,463,147
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 14,915,000	$ 14,415,000	$ 14,005,000	$ 13,630,000	$ 13,295,000	$ 12,960,000	$ 12,670,000	$ 12,465,000
Cost of Issuance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds								
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OWRB Clean Water State Revolving Fund

CWSRF 60-Year Capacity Model: 20-year loans

Equity Needed to Fund New Loans (cut-off):	$ 37,551,853	$ 37,554,188	$ 37,553,520	$ 37,553,489	$ 37,554,495	$ 37,550,476	$ 37,552,639	$ 37,550,266

LOANS	**2054**	**2055**	**2056**	**2057**	**2058**	**2059**	**2060**	**2061**
New Loans								
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 37,551,853	$ 37,554,188	$ 37,553,520	$ 37,553,489	$ 37,554,495	$ 37,550,476	$ 37,552,639	$ 37,550,266
% 20 Year Loans:	**100%**							
% 30 Year Loans:	**0%**							
20 Year Loan Amount:	$ 37,551,853	$ 37,554,188	$ 37,553,520	$ 37,553,489	$ 37,554,495	$ 37,550,476	$ 37,552,639	$ 37,550,266
30yr Loans Approved in FY 2012 Re-amortized as 20yr Loan (Funded in FY12&13)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:								
Float Investment Rate:								
# of Months Investments on Float:								
New Grants								
Projected EPA Grants:								
Grant Amount								
State Match Requirements								
State Match Percentage								

DEBT								
New Debt (Revenue Bonds)								
Debt - Number of Years for Debt Service								
Debt - UW / COI Expenses (RATE)								
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 25,474,188	$ 25,898,520	$ 26,368,489	$ 26,954,495	$ 27,560,476	$ 28,187,639	$ 28,830,266	$ 29,497,614
Remaining Amount Needed to Fund New Loans	$ 12,075,812	$ 11,651,480	$ 11,181,511	$ 10,595,505	$ 9,989,524	$ 9,362,361	$ 8,719,734	$ 8,052,386
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 12,075,812	$ 11,651,480	$ 11,181,511	$ 10,595,505	$ 9,989,524	$ 9,362,361	$ 8,719,734	$ 8,052,386
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 12,080,000	$ 11,655,000	$ 11,185,000	$ 10,600,000	$ 9,990,000	$ 9,365,000	$ 8,720,000	$ 8,055,000
Cost of Issuance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds								
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OWRB Clean Water State Revolving Fund

CWSRF 60-Year Capacity Model: 20-year loans

Equity Needed to Fund New Loans (cut-off):	$ 37,552,614	$ 37,552,409	$ 37,550,617	$ 37,553,789	$ 37,550,655	$ 37,553,010	$ 37,553,495	$ 37,552,322

LOANS	2062	2063	2064	2065	2066	2067	2068	2069
New Loans								
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 37,552,614	$ 37,552,409	$ 37,550,617	$ 37,553,789	$ 37,550,655	$ 37,553,010	$ 37,553,495	$ 37,552,322
% 20 Year Loans:			**100%**					
% 30 Year Loans:			**0%**					
20 Year Loan Amount:	$ 37,552,614	$ 37,552,409	$ 37,550,617	$ 37,553,789	$ 37,550,655	$ 37,553,010	$ 37,553,495	$ 37,552,322
30yr Loans Approved in FY 2012 Re-amortized as 20yr Loan (Funded in FY12&13)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
Standard Subsidy 20-year and 30-year loans, respectively:								
Float Investment Rate:								
# of Months Investments on Float:								
New Grants								
Projected EPA Grants:								
Grant Amount								
State Match Requirements								
State Match Percentage								

DEBT								
New Debt (Revenue Bonds)								
Debt - Number of Years for Debt Service								
Debt - UW / COI Expenses (RATE)								
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 30,187,409	$ 30,900,617	$ 31,643,789	$ 32,420,655	$ 33,238,010	$ 34,088,495	$ 34,967,322	$ 35,883,919
Remaining Amount Needed to Fund New Loans	$ 7,362,591	$ 6,649,383	$ 5,906,211	$ 5,129,345	$ 4,311,990	$ 3,461,505	$ 2,582,678	$ 1,666,081
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 7,362,591	$ 6,649,383	$ 5,906,211	$ 5,129,345	$ 4,311,990	$ 3,461,505	$ 2,582,678	$ 1,666,081
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 7,365,000	$ 6,650,000	$ 5,910,000	$ 5,130,000	$ 4,315,000	$ 3,465,000	$ 2,585,000	$ 1,670,000
Cost of Issuance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Required Percentage DSRF Contribution from Grants or Recycled Funds								
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OWRB Clean Water State Revolving Fund

CWSRF 60-Year Capacity Model: 20-year loans

Equity Needed to Fund New Loans (cut-off):	$ 37,553,919	$ 37,553,474	$ 37,853,255	

LOANS	**2070**	**2071**	**2072**	**Total**
New Loans				
Available for loans (Prior Yr Bal + Current Yr Grants):	$ 37,553,919	$ 37,553,474	$ 37,853,255	
% 20 Year Loans:				
% 30 Year Loans:				
20 Year Loan Amount:	$ 37,553,919	$ 37,553,474	$ 37,853,255	$ 2,212,880,653
30yr Loans Approved in FY 2012 Re-amortized as 20yr Loan (Funded in FY12&13)	$ -	$ -	$ -	$ 16,113,700
				$ 2,228,994,353
20 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.00%	3.00%	3.00%	
30 Yr Loan Rate (Assumed Bond Rate less Subsidy):	3.15%	3.15%	3.15%	
Standard Subsidy 20-year and 30-year loans, respectively:				
Float Investment Rate:				
# of Months Investments on Float:				
New Grants				
Projected EPA Grants:				
Grant Amount				
State Match Requirements				
State Match Percentage				

DEBT				
New Debt (Revenue Bonds)				
Debt - Number of Years for Debt Service				
Debt - UW / COI Expenses (RATE)				
Revenue Debt Interest Rate (20-Yr Debt)	5.00%	5.00%	5.00%	
Revenue Debt Interest Rate (30-Yr Debt)	5.25%	5.25%	5.25%	
Amounts Available to Fund New Loans (Rev less Exp prior to the issuance of debt)	$ 36,843,474	$ 37,853,255	$ 38,893,278	
Remaining Amount Needed to Fund New Loans	$ 706,526	$ -	$ -	
Bond Proceeds Needed from Debt (Adjusted for DSRF Req.)	$ 706,526	$ -	$ -	
Amount of Bonds Required To Be Sold (Nearest $5K)	$ 710,000	$ -	$ -	$ 834,195,000
Cost of Issuance	$ -	$ -	$ -	
Required Percentage DSRF Contribution from Grants or Recycled Funds				
Required Debt Service Reserve Fund Deposits	$ -	$ -	$ -	$ -

CWSRF 60-Year Capacity Model: 20-year loans

Fiscal Year:	2013	2014	2015	2016	2017	2018	2019	2020
Inflows								
Existing Loan Repayments and Investment Income:								
1. Loan Repayments (P&I) for Loans Currently Outstanding	$25,779,813	$28,744,468	$28,487,291	$27,862,471	$27,346,142	$25,735,599	$25,388,765	$24,078,080
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$4,701,588	$4,663,827	$4,674,014	$4,600,273	$4,614,246	$4,632,245	$3,990,523	$3,684,439
3. Funds on-hand available for Loans, debt service or DSRF's	$17,852,193							
New Loan Repayments & Investment Income:								
1. Loan Repayments (P&I) for New 20-Year Loans	$0	$0	$1,839,615	$4,728,913	$7,253,073	$9,777,231	$12,301,410	$14,825,454
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans								
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans								
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$0	$0	$460	$1,182	$1,813	$2,444	$3,075	$3,706
$'s Obtained from the Issuance of New Debt:								
1. General Obligation bonds for State Match requirements								
2. Revenue Bond issuance to fund new loans	$0	$22,945,000	$23,200,000	$22,690,000	$22,435,000	$23,145,000	$21,660,000	$21,775,000
Other:								
1. EPA Grant Money	$10,330,000	$5,432,130	$5,432,130	$0	$0			
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$58,663,594	$61,785,425	$63,633,510	$59,882,839	$61,650,274	$63,292,520	$63,343,773	$64,366,679
Outflows								
Existing Debt Service Payments:								
1. 2004 and 2011 Bond Debt Service (P&I)	$18,874,700	$18,799,975	$18,807,088	$18,626,938	$18,573,378	$18,417,378	$16,610,325	$15,894,825
New Loans Funded:								
1. 20-Year New Loan Issuance	$1,738,493	$27,368,831	$42,985,450	$37,553,126	$37,553,107	$37,553,398	$37,551,402	$37,552,493
2. 30-Year New Loan Issuance	$16,113,700	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:								
1. Revenue Bond Debt Service for 20-yr Loans	$0	$0	$1,841,166	$3,702,794	$5,523,498	$7,323,741	$9,180,956	$10,919,010
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:								
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$36,726,893	$46,168,806	$63,633,704	$59,882,858	$61,649,983	$63,294,516	$63,342,682	$64,366,328
Net Balance after Debt Service	$21,936,701	$37,553,320	$37,553,126	$37,553,107	$37,553,398	$37,551,402	$37,552,493	$37,552,844
Debt Service Coverage (Loan & DSRF P&I):		1.78	1.70	1.67	1.63	1.56	1.62	1.59

CWSRF 60-Year Capacity Model: 20-year loans

Fiscal Year:	2021	2022	2023	2024	2025	2026	2027
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$22,640,272	$21,515,111	$20,568,719	$19,711,416	$17,863,692	$15,653,762	$12,293,688
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$3,336,137	$2,909,304	$2,773,708	$2,673,542	$3,488,510	$3,300,303	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$17,349,571	$19,873,712	$22,397,753	$24,921,967	$27,446,090	$29,970,084	$32,494,034
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$4,337	$4,968	$5,599	$6,230	$6,862	$7,493	$8,124
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$21,585,000	$20,605,000	$19,810,000	$19,075,000	$20,280,000	$21,140,000	$19,580,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$64,915,318	$64,908,095	$65,555,779	$66,388,156	$69,085,153	$70,071,641	$64,375,845
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$14,697,675	$12,955,825	$11,951,488	$11,196,163	$12,363,188	$11,721,075	$4,329,188
New Loans Funded:							
1. 20-Year New Loan Issuance	$37,552,844	$37,551,350	$37,553,942	$37,552,565	$37,550,661	$37,550,006	$37,551,287
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$12,666,292	$14,398,329	$16,051,727	$17,641,333	$19,171,960	$20,799,280	$22,495,608
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$64,916,811	$64,905,504	$65,557,156	$66,390,060	$69,085,808	$70,070,361	$64,376,082
Net Balance after Debt Service	$37,551,350	$37,553,942	$37,552,565	$37,550,661	$37,550,006	$37,551,287	$37,551,050
Debt Service Coverage (Loan & DSRF P&I):	1.58	1.62	1.63	1.64	1.55	1.50	1.67

CWSRF 60-Year Capacity Model: 20-year loans

Fiscal Year:	2028	2029	2030	2031	2032	2033	2034
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$11,741,988	$11,219,787	$10,225,543	$8,798,665	$6,950,996	$3,558,535	$2,339,103
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0	$0	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$35,018,070	$37,542,091	$40,066,233	$42,590,199	$45,114,273	$47,638,421	$50,162,470
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$8,755	$9,386	$10,017	$10,648	$11,279	$11,910	$12,541
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$18,685,000	$17,770,000	$17,455,000	$16,605,000	$15,200,000	$17,290,000	$17,370,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$65,453,813	$66,541,263	$67,756,793	$68,004,511	$67,276,548	$68,498,865	$69,884,114
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$3,834,188	$3,424,938	$3,212,938	$2,058,938	$0	$0	$0
New Loans Funded:							
1. 20-Year New Loan Issuance	$37,551,050	$37,552,867	$37,550,235	$37,551,854	$37,552,938	$37,551,484	$37,554,114
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$24,066,758	$25,566,091	$26,992,001	$28,392,636	$29,725,064	$30,944,751	$32,332,146
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$65,451,995	$66,543,895	$67,755,174	$68,003,428	$67,278,002	$68,496,235	$69,886,260
Net Balance after Debt Service	$37,552,867	$37,550,235	$37,551,854	$37,552,938	$37,551,484	$37,554,114	$37,551,968
Debt Service Coverage (Loan & DSRF P&I):	1.68	1.68	1.67	1.69	1.75	1.65	1.62

CWSRF 60-Year Capacity Model: 20-year loans

Fiscal Year:	2035	2036	2037	2038	2039	2040	2041
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$1,065,026	$0	$0	$0	$0	$0	$0
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0	$0	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$50,847,081	$50,481,866	$50,481,657	$50,481,534	$50,481,540	$50,481,594	$50,481,473
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$12,712	$12,620	$12,620	$12,620	$12,620	$12,620	$12,620
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$17,510,000	$18,485,000	$18,150,000	$17,805,000	$17,375,000	$17,035,000	$16,655,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$69,434,818	$68,979,486	$68,644,278	$68,299,154	$67,869,160	$67,529,214	$67,149,094
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$0	$0	$0	$0	$0	$0	$0
New Loans Funded:							
1. 20-Year New Loan Issuance	$37,551,968	$37,550,025	$37,551,273	$37,553,485	$37,552,201	$37,550,702	$37,554,596
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$31,884,793	$31,428,213	$31,090,793	$30,746,953	$30,318,458	$29,974,618	$29,594,269
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$69,436,762	$68,978,238	$68,642,066	$68,300,438	$67,870,659	$67,525,321	$67,148,864
Net Balance after Debt Service	$37,550,025	$37,551,273	$37,553,485	$37,552,201	$37,550,702	$37,554,596	$37,554,825
Debt Service Coverage (Loan & DSRF P&I):	1.63	1.61	1.62	1.64	1.67	1.68	1.71

CWSRF 60-Year Capacity Model: 20-year loans

Fiscal Year:	2042	2043	2044	2045	2046	2047	2048
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$0	$0	$0	$0	$0	$0	$0
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0	$0	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$50,481,591	$50,481,825	$50,481,596	$50,481,748	$50,481,875	$50,482,005	$50,481,950
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$12,620	$12,620	$12,620	$12,620	$12,620	$12,621	$12,620
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$16,255,000	$15,910,000	$15,595,000	$15,315,000	$14,915,000	$14,415,000	$14,005,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$66,749,211	$66,404,445	$66,089,216	$65,809,368	$65,409,495	$64,909,625	$64,499,571
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$0	$0	$0	$0	$0	$0	$0
New Loans Funded:							
1. 20-Year New Loan Issuance	$37,554,825	$37,550,539	$37,554,828	$37,552,545	$37,551,941	$37,550,472	$37,550,113
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$29,198,673	$28,849,617	$28,536,671	$28,257,427	$27,859,023	$27,359,513	$26,945,060
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$66,753,498	$66,400,156	$66,091,499	$65,809,972	$65,410,964	$64,909,985	$64,495,172
Net Balance after Debt Service	$37,550,539	$37,554,828	$37,552,545	$37,551,941	$37,550,472	$37,550,113	$37,554,511
Debt Service Coverage (Loan & DSRF P&I):	1.73	1.75	1.77	1.79	1.81	1.85	1.87

CWSRF 60-Year Capacity Model: 20-year loans

Fiscal Year:	2049	2050	2051	2052	2053	2054	2055
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$0	$0	$0	$0	$0	$0	$0
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0	$0	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$50,481,887	$50,481,998	$50,482,317	$50,482,347	$50,482,245	$50,482,410	$50,482,258
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$12,620	$12,620	$12,621	$12,621	$12,621	$12,621	$12,621
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$13,630,000	$13,295,000	$12,960,000	$12,670,000	$12,465,000	$12,080,000	$11,655,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$64,124,508	$63,789,618	$63,454,937	$63,164,967	$62,959,866	$62,575,031	$62,149,879
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$0	$0	$0	$0	$0	$0	$0
New Loans Funded:							
1. 20-Year New Loan Issuance	$37,554,511	$37,554,983	$37,552,298	$37,551,427	$37,553,941	$37,551,853	$37,554,188
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$26,569,524	$26,237,320	$25,903,511	$25,611,027	$25,408,013	$25,020,842	$24,596,359
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$64,124,035	$63,792,303	$63,455,809	$63,162,453	$62,961,953	$62,572,695	$62,150,547
Net Balance after Debt Service	$37,554,983	$37,552,298	$37,551,427	$37,553,941	$37,551,853	$37,554,188	$37,553,520
Debt Service Coverage (Loan & DSRF P&I):	1.90	1.92	1.95	1.97	1.99	2.02	2.05

CWSRF 60-Year Capacity Model: 20-year loans

Fiscal Year:	2056	2057	2058	2059	2060	2061	2062
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$0	$0	$0	$0	$0	$0	$0
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0	$0	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$50,482,407	$50,482,642	$50,482,791	$50,482,859	$50,482,743	$50,482,873	$50,482,582
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$12,621	$12,621	$12,621	$12,621	$12,621	$12,621	$12,621
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$11,185,000	$10,600,000	$9,990,000	$9,365,000	$8,720,000	$8,055,000	$7,365,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$61,680,028	$61,095,263	$60,485,412	$59,860,480	$59,215,364	$58,550,494	$57,860,203
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$0	$0	$0	$0	$0	$0	$0
New Loans Funded:							
1. 20-Year New Loan Issuance	$37,553,520	$37,553,489	$37,554,495	$37,550,476	$37,552,639	$37,550,266	$37,552,614
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$24,126,539	$23,540,768	$22,934,936	$22,307,840	$21,665,097	$20,997,880	$20,307,794
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$61,680,058	$61,094,257	$60,489,431	$59,858,316	$59,217,737	$58,548,147	$57,860,408
Net Balance after Debt Service	$37,553,489	$37,554,495	$37,550,476	$37,552,639	$37,550,266	$37,552,614	$37,552,409
Debt Service Coverage (Loan & DSRF P&I):	2.09	2.15	2.20	2.26	2.33	2.40	2.49

CWSRF 60-Year Capacity Model: 20-year loans

Fiscal Year:	2063	2064	2065	2066	2067	2068	2069
Inflows							
Existing Loan Repayments and Investment Income:							
1. Loan Repayments (P&I) for Loans Currently Outstanding	$0	$0	$0	$0	$0	$0	$0
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0	$0	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's							
New Loan Repayments & Investment Income:							
1. Loan Repayments (P&I) for New 20-Year Loans	$50,482,434	$50,482,559	$50,482,276	$50,482,360	$50,482,274	$50,482,444	$50,482,671
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0	$0	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans							
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans							
3. P&I for New 20-Year DSRF	$0	$0	$0	$0	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0	$0	$0	$0	$0
6. Investment Income on New Repayments	$12,621	$12,621	$12,621	$12,621	$12,621	$12,621	$12,621
$'s Obtained from the Issuance of New Debt:							
1. General Obligation bonds for State Match requirements							
2. Revenue Bond issuance to fund new loans	$6,650,000	$5,910,000	$5,130,000	$4,315,000	$3,465,000	$2,585,000	$1,670,000
Other:							
1. EPA Grant Money							
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$57,145,054	$56,405,180	$55,624,897	$54,809,981	$53,959,894	$53,080,065	$52,165,292
Outflows							
Existing Debt Service Payments:							
1. 2004 and 2011 Bond Debt Service (P&I)	$0	$0	$0	$0	$0	$0	$0
New Loans Funded:							
1. 20-Year New Loan Issuance	$37,552,409	$37,550,617	$37,553,789	$37,550,655	$37,553,010	$37,553,495	$37,552,322
2. 30-Year New Loan Issuance	$0	$0	$0	$0	$0	$0	$0
New Debt Service Payments:							
1. Revenue Bond Debt Service for 20-yr Loans	$19,594,437	$18,851,391	$18,074,242	$17,256,971	$16,406,399	$15,527,743	$14,611,373
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0	$0	$0	$0	$0
Debt Reserve Funding:							
1. Required Deposits to DSRF	$0	$0	$0	$0	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$57,146,846	$56,402,008	$55,628,031	$54,807,626	$53,959,409	$53,081,238	$52,163,694
Net Balance after Debt Service	$37,550,617	$37,553,789	$37,550,655	$37,553,010	$37,553,495	$37,552,322	$37,553,919
Debt Service Coverage (Loan & DSRF P&I):	2.58	2.68	2.79	2.93	3.08	3.25	3.46

CWSRF 60-Year Capacity Model: 20-year loans

Fiscal Year:	2070	2071	2072
Inflows			
Existing Loan Repayments and Investment Income:			
1. Loan Repayments (P&I) for Loans Currently Outstanding	$0	$0	$0
2. Investment Income (Sr. Lien Debt Reserve and Loan Repayments)	$0	$0	$0
3. Funds on-hand available for Loans, debt service or DSRF's			
New Loan Repayments & Investment Income:			
1. Loan Repayments (P&I) for New 20-Year Loans	$50,482,524	$50,482,453	$50,482,532
2. Loan Repayments (P&I) for New 30-Year Loans	$0	$0	$0
3. Loan Repayments (P&I) for new Disadvantaged 1% Loans			
4. Loan Repayments (P&I) for new Disadvantaged 0% Loans			
3. P&I for New 20-Year DSRF	$0	$0	$0
4. P&I for New 30-Year DSRF	$0	$0	$0
6. Investment Income on New Repayments	$12,621	$12,621	$12,621
$'s Obtained from the Issuance of New Debt:			
1. General Obligation bonds for State Match requirements			
2. Revenue Bond issuance to fund new loans	$710,000	$0	$0
Other:			
1. EPA Grant Money			
Total Loan Receipts, Bond Proceeds & DSRF P&I:	$51,205,145	$50,495,073	$50,495,152
Outflows			
Existing Debt Service Payments:			
1. 2004 and 2011 Bond Debt Service (P&I)	$0	$0	$0
New Loans Funded:			
1. 20-Year New Loan Issuance	$37,553,919	$37,553,474	$37,853,255
2. 30-Year New Loan Issuance	$0	$0	$0
New Debt Service Payments:			
1. Revenue Bond Debt Service for 20-yr Loans	$13,651,671	$12,641,818	$11,601,874
2. Revenue Bond Debt Service for 30-yr Loans	$0	$0	$0
Debt Reserve Funding:			
1. Required Deposits to DSRF	$0	$0	$0
Total Debt Service, Loan Funding, DSRF Requirement	$51,205,591	$50,195,292	$49,455,129
Net Balance after Debt Service	$37,553,474	$37,853,255	$38,893,278
Debt Service Coverage (Loan & DSRF P&I):	3.70	3.99	4.35

OWRB
OKLAHOMA WATER RESOURCES BOARD
Clean Water State Revolving Fund
EXISTING ANNUAL CASH FLOW & COVERAGE

Fiscal Year Ending June 30th	Funds On Hand Restricted To Debt Service	(1) Projected Revenues To Pay Debt Service	Total Projected Sr. Lien Bonds Debt Service	Senior Debt Coverage	Excess After Debt Service
2013	-	$30,481,401	$18,874,700	1.61 x	$11,606,701
2014	-	33,408,295	18,799,975	1.78 x	14,608,320
2015	-	33,161,305	18,807,088	1.76 x	14,354,217
2016	-	32,462,744	18,626,938	1.74 x	13,835,806
2017	-	31,960,388	18,573,378	1.72 x	13,387,010
2018	-	30,367,844	18,417,378	1.65 x	11,950,467
2019	-	29,379,288	16,610,325	1.77 x	12,768,963
2020	-	27,762,519	15,894,825	1.75 x	11,867,694
2021	-	25,976,409	14,697,675	1.77 x	11,278,734
2022	-	24,424,415	12,955,825	1.89 x	11,468,590
2023	-	23,342,427	11,951,488	1.95 x	11,390,940
2024	-	22,384,958	11,196,163	2.00 x	11,188,796
2025	-	21,352,202	12,363,188	1.73 x	8,989,015
2026	-	18,954,065	11,721,075	1.62 x	7,232,990
2027	-	12,293,688	4,329,188	2.84 x	7,964,500
2028	-	11,741,988	3,834,188	3.06 x	7,907,800
2029	-	11,219,787	3,424,938	3.28 x	7,794,849
2030	-	10,225,543	3,212,938	3.18 x	7,012,606
2031	-	8,798,665	2,058,938	4.27 x	6,739,727
2032	-	6,950,996	-		6,950,996
2033	-	3,558,535	-		3,558,535
2034	-	2,339,103	-		2,339,103
2035	-	1,065,026	-		1,065,026
2036	-	-	-		-
2037	-	-	-		-
2038	-	-	-		-
2039	-	-	-		-
2040	-	-	-		-
2041	-	-	-		-
2042	-	-	-		-
2043	-	-	-		-
2044	-	-	-		-
		$453,611,592	$236,350,205		$217,261,387

(1) Includes all loan and DSRF P&I.

OWRB
OKLAHOMA WATER RESOURCES BOARD
Clean Water State Revolving Fund
EXISTING SOURCES OF REVENUES

Fiscal Year Ending June 30th	(1) Projected P&I from Existing & Construction Loans	(2) Projected P&I from Extended Term Loans Funded	(3) 2004 DSRF P&I	Projected Revenue To Pay Debt Service
2013	$25,292,984	$486,829	$4,701,588	$30,481,401
2014	26,719,902	2,024,566	4,663,827	33,408,295
2015	25,844,257	2,643,034	4,674,014	33,161,305
2016	25,164,662	2,697,809	4,600,273	32,462,744
2017	24,648,332	2,697,809	4,614,246	31,960,388
2018	23,037,790	2,697,809	4,632,245	30,367,844
2019	22,690,956	2,697,809	3,990,523	29,379,288
2020	21,380,270	2,697,809	3,684,439	27,762,519
2021	19,942,463	2,697,809	3,336,137	25,976,409
2022	18,817,301	2,697,809	2,909,304	24,424,415
2023	17,870,910	2,697,809	2,773,708	23,342,427
2024	17,013,607	2,697,809	2,673,542	22,384,958
2025	15,165,883	2,697,809	3,488,510	21,352,202
2026	12,955,953	2,697,809	3,300,303	18,954,065
2027	9,595,878	2,697,809	-	12,293,688
2028	9,044,178	2,697,809	-	11,741,988
2029	8,521,977	2,697,809	-	11,219,787
2030	7,527,734	2,697,809	-	10,225,543
2031	6,100,855	2,697,809	-	8,798,665
2032	4,253,186	2,697,809	-	6,950,996
2033	1,135,096	2,423,439	-	3,558,535
2034	-	2,339,103	-	2,339,103
2035		1,065,026	-	1,065,026
2036		-	-	-
2037		-	-	-
2038		-	-	-
2039		-	-	-
2040		-	-	-
2041		-	-	-
2042		-	-	-
2043		-	-	-
2044		-	-	-
	$342,724,175	$56,844,758	$54,042,659	$453,611,592

(1) Includes all existing pledged and non-pledged loans plus all current construction loans.

(2) See additional schedules for detials.

OWRB
OKLAHOMA WATER RESOURCES BOARD
Clean Water State Revolving Fund
EXISTING BOND DEBT SERVICE

Fiscal Year Ending June 30th	Series 2004 Senior Lien Bonds			Series 2011A Senior Lien Bonds			Total Debt Service
	Leveraged	State Match	Total	Leveraged	State Match	Total	
2013	$10,007,559	$562,754	$10,570,313	$7,568,588	$735,800	$8,304,388	$18,874,700
2014	9,922,484	558,404	10,480,888	7,617,988	701,100	$8,319,088	18,799,975
2015	9,926,396	558,004	10,484,400	7,660,388	662,300	8,322,688	18,807,088
2016	9,735,178	561,573	10,296,750	7,700,388	629,800	8,330,188	18,626,938
2017	9,742,988	559,203	10,302,190	7,678,988	592,200	8,271,188	18,573,378
2018	9,752,488	560,953	10,313,440	7,547,738	556,200	8,103,938	18,417,378
2019	8,309,928	561,760	8,871,688	7,223,638	515,000	7,738,638	16,610,325
2020	7,610,678	561,510	8,172,188	7,246,638	476,000	7,722,638	15,894,825
2021	6,827,028	560,710	7,387,738	6,873,338	436,600	7,309,938	14,697,675
2022	5,881,475	559,663	6,441,138	6,119,838	394,850	6,514,688	12,955,825
2023	5,572,975	562,575	6,135,550	5,461,588	354,350	5,815,938	11,951,488
2024	5,351,413	559,563	5,910,975	4,975,088	310,100	5,285,188	11,196,163
2025	7,137,663	560,338	7,698,000	4,397,838	267,350	4,665,188	12,363,188
2026	7,274,888	-	7,274,888	4,220,088	226,100	4,446,188	11,721,075
2027	-	-	-	4,152,838	176,350	4,329,188	4,329,188
2028	-	-	-	3,700,588	133,600	3,834,188	3,834,188
2029	-	-	-	3,332,338	92,600	3,424,938	3,424,938
2030	-	-	-	3,159,588	53,350	3,212,938	3,212,938
2031	-	-	-	2,038,088	20,850	2,058,938	2,058,938
2032	-	-	-	-	-	-	-
2033	-	-	-	-	-	-	-
2034	-	-	-	-	-	-	-
2035	-	-	-	-	-	-	-
2036	-	-	-	-	-	-	-
2037	-	-	-	-	-	-	-
2038	-	-	-	-	-	-	-
2039	-	-	-	-	-	-	-
2040	-	-	-	-	-	-	-
2041	-	-	-	-	-	-	-
2042	-	-	-	-	-	-	-
2043	-	-	-	-	-	-	-
2044	-	-	-	-	-	-	-
	$113,053,136	$7,287,006	$120,340,143	$108,675,563	$7,334,500	$116,010,063	$236,350,205

OWRB Clean Water State Revolving Fund Projected Annual Cash Flow Coverage

CWSRF 60-Year Capacity Model: 20-year loans

Breakdown of 30-Year Loans Adjusted to a 20-Year Term

			20-YEAR	20-YEAR	20-YEAR	20-YEAR	20-YEAR	20-YEAR
		Borrower:	Eufaula Public Works Authority	Muldrow Public Works Authority	Pawnee Public Works Authority	Yale Water and Sewage Trust	Oklahoma City Water Utilities Trust	Calera Public Works Authority
		Total Par	**$3,870,523**	**$3,206,885**	**$5,660,000**	**$2,757,000**	**$24,926,727**	**$4,759,000**
		Par Funded in Fy 2011:	$1,164,152	$2,292,744	$6,296,749	$2,400,414	$15,898,968	$4,985,000
		Par Funded in Fy 2012:	$2,870,848	$1,412,256	$658,251	$589,586	$9,027,759	$0
		Rate:	1.8540%	2.1510%	2.5560%	2.6280%	2.4930%	2.0340%
		First Pmt:	02/15/14	09/15/13	02/15/13	09/15/12	09/15/13	02/15/11
		Last Pmt:	02/15/35	09/15/34	02/15/34	09/15/33	09/15/34	02/15/32
Date	ANNUAL DS	ID:	ORF-11-0009-CW	ORF-11-0007-CW	ORF-10-0003-CW	ORF-11-0001-CW	ORF-10-0011-CW	ORF-10-0010-CW
10/01/12	-		-	-	-	42,168	-	137,185
04/01/13	486,829		-	-	85,955	84,336	-	137,185
10/01/13	-		-	46,771	85,955	84,336	376,190	137,185
04/01/14	2,024,566		54,776	93,542	171,910	84,336	752,380	137,185
10/01/14	-		54,776	93,542	171,910	84,336	752,380	137,185
04/01/15	2,643,034		109,552	93,542	171,910	84,336	752,380	137,185
10/01/15	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/16	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/16	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/17	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/17	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/18	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/18	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/19	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/19	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/20	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/20	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/21	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/21	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/22	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/22	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/23	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/23	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/24	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/24	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/25	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/25	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/26	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/26	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/27	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/27	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/28	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/28	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/29	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/29	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/30	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/30	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/31	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/31	-		109,552	93,542	171,910	84,336	752,380	137,185
04/01/32	2,697,809		109,552	93,542	171,910	84,336	752,380	137,185
10/01/32	-		109,552	93,542	171,910	84,336	752,380	-
04/01/33	2,423,439		109,552	93,542	171,910	84,336	752,380	-
10/01/33	-		109,552	93,542	171,910	84,336	752,380	-
04/01/34	2,339,103		109,552	93,542	171,910	-	752,380	-
10/01/34	-		109,552	93,542	-	-	752,380	-
04/01/35	1,065,026		109,552	-	-	-	-	-
10/01/35	-		-	-	-	-	-	-
04/01/36	-		-	-	-	-	-	-
10/01/36	-		-	-	-	-	-	-
04/01/37	-		-	-	-	-	-	-
10/01/37	-		-	-	-	-	-	-
04/01/38	-		-	-	-	-	-	-
10/01/38	-		-	-	-	-	-	-
04/01/39	-		-	-	-	-	-	-
10/01/39	-		-	-	-	-	-	-
04/01/40	-		-	-	-	-	-	-
10/01/40	-		-	-	-	-	-	-
04/01/41	-		-	-	-	-	-	-
10/01/41	-		-	-	-	-	-	-
04/01/42	-		-	-	-	-	-	-
10/01/42	-		-	-	-	-	-	-
04/01/43	-		-	-	-	-	-	-
10/01/43	-		-	-	-	-	-	-
04/01/44	-		-	-	-	-	-	-
Total	56,844,758		4,601,177	3,975,516	7,220,219	3,584,276	31,976,166	5,487,405

FY 20-Yr Debt	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Issued:	**-**	**22,945,000**	**23,200,000**	**22,690,000**	**22,435,000**	**23,145,000**	**21,660,000**	**21,775,000**	**21,585,000**	**20,605,000**	**19,810,000**	**19,075,000**	**20,280,000**	**21,140,000**	**19,580,000**	**18,685,000**	**17,770,000**	**17,455,000**	**16,605,000**	**15,200,000**	**17,290,000**
Bond Rate	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**
Start FY	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
End FY	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
Total	**-**	**36,823,323**	**37,232,560**	**36,414,086**	**36,004,849**	**37,144,294**	**34,761,089**	**34,945,647**	**34,640,725**	**33,067,970**	**31,792,113**	**30,612,547**	**32,546,393**	**33,926,566**	**31,422,997**	**29,986,655**	**28,518,215**	**28,012,687**	**26,648,563**	**24,393,747**	**27,747,887**
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	1,841,166	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	-	1,841,166	1,861,628	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	1,841,166	1,861,628	1,820,704	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	1,841,166	1,861,628	1,820,704	1,800,242	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	-	-	-	-	-	-	-	-	-	-	-
2024	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	-	-	-	-	-	-	-	-	-	-
2025	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	-	-	-	-	-	-	-	-	-
2026	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	-	-	-	-	-	-	-	-
2027	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	-	-	-	-	-	-	-
2028	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	-	-	-	-	-	-
2029	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	-	-	-	-	-
2030	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	-	-	-	-
2031	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	-	-	-
2032	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	-	-
2033	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	-
2034	-	1,841,166	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2035	-	-	1,861,628	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2036	-	-	-	1,820,704	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2037	-	-	-	-	1,800,242	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2038	-	-	-	-	-	1,857,215	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2039	-	-	-	-	-	-	1,738,054	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2040	-	-	-	-	-	-	-	1,747,282	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2041	-	-	-	-	-	-	-	-	1,732,036	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2042	-	-	-	-	-	-	-	-	-	1,653,399	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2043	-	-	-	-	-	-	-	-	-	-	1,589,606	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2044	-	-	-	-	-	-	-	-	-	-	-	1,530,627	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2045	-	-	-	-	-	-	-	-	-	-	-	-	1,627,320	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	1,696,328	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,571,150	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,499,333	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,425,911	1,400,634	1,332,428	1,219,687	1,387,394
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,400,634	1,332,428	1,219,687	1,387,394
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,332,428	1,219,687	1,387,394
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,219,687	1,387,394
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,387,394
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2094	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2099	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FY	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
20-Yr Debt																					
Issued:	**17,370,000**	**17,510,000**	**18,485,000**	**18,150,000**	**17,805,000**	**17,375,000**	**17,035,000**	**16,655,000**	**16,255,000**	**15,910,000**	**15,595,000**	**15,315,000**	**14,915,000**	**14,415,000**	**14,005,000**	**13,630,000**	**13,295,000**	**12,960,000**	**12,670,000**	**12,465,000**	**12,080,000**
Bond Rate	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**
Start FY	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
End FY	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074
Total	**27,876,275**	**28,100,954**	**29,665,684**	**29,128,059**	**28,574,385**	**27,884,299**	**27,338,649**	**26,728,806**	**26,086,865**	**25,533,191**	**25,027,663**	**24,578,304**	**23,936,364**	**23,133,938**	**22,475,949**	**21,874,129**	**21,336,504**	**20,798,879**	**20,333,472**	**20,004,477**	**19,386,609**
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2035	1,393,814	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2036	1,393,814	1,405,048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2037	1,393,814	1,405,048	1,483,284	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2038	1,393,814	1,405,048	1,483,284	1,456,403	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2039	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2040	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2041	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2042	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	-	-	-	-	-	-	-	-	-	-	-	-	-
2043	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	-	-	-	-	-	-	-	-	-	-	-	-
2044	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	-	-	-	-	-	-	-	-	-	-	-
2045	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	-	-	-	-	-	-	-	-	-	-
2046	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	-	-	-	-	-	-	-	-	-
2047	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	-	-	-	-	-	-	-	-
2048	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	-	-	-	-	-	-	-
2049	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	-	-	-	-	-	-
2050	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	-	-	-	-	-
2051	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	-	-	-	-
2052	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	-	-	-
2053	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	-	-
2054	1,393,814	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	-
2055	-	1,405,048	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2056	-	-	1,483,284	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2057	-	-	-	1,456,403	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2058	-	-	-	-	1,428,719	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2059	-	-	-	-	-	1,394,215	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2060	-	-	-	-	-	-	1,366,932	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2061	-	-	-	-	-	-	-	1,336,440	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2062	-	-	-	-	-	-	-	-	1,304,343	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2063	-	-	-	-	-	-	-	-	-	1,276,660	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2064	-	-	-	-	-	-	-	-	-	-	1,251,383	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2065	-	-	-	-	-	-	-	-	-	-	-	1,228,915	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2066	-	-	-	-	-	-	-	-	-	-	-	-	1,196,818	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	1,156,697	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,123,797	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,093,706	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,066,825	1,039,944	1,016,674	1,000,224	969,330
2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,039,944	1,016,674	1,000,224	969,330
2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,016,674	1,000,224	969,330
2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000,224	969,330
2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	969,330
2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2094	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2099	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FY	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	TOTALS
20-Yr Debt																			
Issued:	**11,655,000**	**11,185,000**	**10,600,000**	**9,990,000**	**9,365,000**	**8,720,000**	**8,055,000**	**7,365,000**	**6,650,000**	**5,910,000**	**5,130,000**	**4,315,000**	**3,465,000**	**2,585,000**	**1,670,000**	**710,000**	**-**	**-**	**834,195,000**
Bond Rate	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**5.00%**	**0.00%**	
Start FY	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	
End FY	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	
Total	**18,704,547**	**17,950,267**	**17,011,428**	**16,032,469**	**15,029,437**	**13,994,307**	**12,927,081**	**11,819,733**	**10,672,264**	**9,484,674**	**8,232,889**	**6,924,935**	**5,560,811**	**4,148,542**	**2,680,102**	**1,139,445**	**-**	**-**	**1,338,759,300**
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,841,166
2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,702,794
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,523,498
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,323,741
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,180,956
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,919,010
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,666,292
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,398,329
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16,051,727
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17,641,333
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,171,960
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20,799,280
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22,495,608
2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,066,758
2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,566,091
2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,992,001
2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,392,636
2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,725,064
2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30,944,751
2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32,332,146
2035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31,884,793
2036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31,428,213
2037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31,090,793
2038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30,746,953
2039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30,318,458
2040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,974,618
2041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,594,269
2042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,198,673
2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,849,617
2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,536,671
2045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,257,427
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27,859,023
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27,359,513
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,945,060
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,569,524
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,237,320
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,903,511
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,611,027
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,408,013
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,020,842
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,596,359
2056	935,227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,126,539
2057	935,227	897,513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23,540,768
2058	935,227	897,513	850,571	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22,934,936
2059	935,227	897,513	850,571	801,623	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22,307,840
2060	935,227	897,513	850,571	801,623	751,472	-	-	-	-	-	-	-	-	-	-	-	-	-	21,665,097
2061	935,227	897,513	850,571	801,623	751,472	699,715	-	-	-	-	-	-	-	-	-	-	-	-	20,997,880
2062	935,227	897,513	850,571	801,623	751,472	699,715	646,354	-	-	-	-	-	-	-	-	-	-	-	20,307,794
2063	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	-	-	-	-	-	-	-	-	-	-	19,594,437
2064	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	-	-	-	-	-	-	-	-	-	18,851,391
2065	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	-	-	-	-	-	-	-	-	18,074,242
2066	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	-	-	-	-	-	-	-	17,256,971
2067	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	-	-	-	-	-	-	16,406,399
2068	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	-	-	-	-	-	15,527,743
2069	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	-	-	-	-	14,611,373
2070	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	-	-	-	13,651,671
2071	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	12,641,818
2072	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	11,601,874
2073	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	10,585,201
2074	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	9,584,977
2075	935,227	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	8,615,647
2076	-	897,513	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	7,680,419
2077	-	-	850,571	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	6,782,906
2078	-	-	-	801,623	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	5,932,334
2079	-	-	-	-	751,472	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	5,130,711
2080	-	-	-	-	-	699,715	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	4,379,239
2081	-	-	-	-	-	-	646,354	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	3,679,524
2082	-	-	-	-	-	-	-	590,987	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	3,033,170
2083	-	-	-	-	-	-	-	-	533,613	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	2,442,183
2084	-	-	-	-	-	-	-	-	-	474,234	411,644	346,247	278,041	207,427	134,005	56,972	-	-	1,908,570
2085	-	-	-	-	-	-	-	-	-	-	411,644	346,247	278,041	207,427	134,005	56,972	-	-	1,434,336
2086	-	-	-	-	-	-	-	-	-	-	-	346,247	278,041	207,427	134,005	56,972	-	-	1,022,692
2087	-	-	-	-	-	-	-	-	-	-	-	-	278,041	207,427	134,005	56,972	-	-	676,445
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	207,427	134,005	56,972	-	-	398,404
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	134,005	56,972	-	-	190,977
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56,972	-	-	56,972
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2094	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2099	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FY 20-Yr Debt	FY 30-Yr Debt	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Issued:	**Issued:**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bond Rate	**Bond Rate**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**
Start FY	Start FY	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
End FY	End FY	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062
Total	**Total**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2013	2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2028	2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2029	2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2030	2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2031	2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2032	2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2033	2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2034	2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2035	2035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2036	2036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2037	2037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2038	2038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2039	2039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2040	2040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2041	2041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2042	2042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2043	2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2044	2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2045	2045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2046	2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2047	2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2048	2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2049	2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2050	2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2051	2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2052	2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2053	2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2054	2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2055	2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2056	2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2057	2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2058	2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2059	2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2060	2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2061	2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2062	2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2063	2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2064	2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2065	2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2066	2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2067	2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2068	2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2069	2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2070	2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2071	2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2072	2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2073	2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2074	2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2075	2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2076	2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2077	2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2078	2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2079	2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2092	2092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2093	2093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2094	2094																				
2095	2095																				
2096	2096																				
2097	2097																				
2098	2098																				
2099	2099																				
2100	2100																				
2101	2101																				

FY	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
20-Yr Debt																					
Issued:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bond Rate	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**
Start FY	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
End FY	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2094																					
2095																					
2096																					
2097																					
2098																					
2099																					
2100																					
2101																					

FY	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	TOTALS
20-Yr Debt																				
Issued:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bond Rate	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	**5.25%**	
Start FY	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	
End FY	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2094																				
2095																				
2096																				
2097																				
2098																				
2099																				
2100																				
2101																				

Loans

Loans Amortized with Level P&I Over: 20 Years

FY 20-Yr Loans	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Loaned:		**27,368,831**	**42,985,450**	**37,553,126**	**37,553,107**	**37,553,398**	**37,551,402**	**37,552,493**	**37,552,844**	**37,551,350**	**37,553,942**	**37,552,565**	**37,550,661**	**37,550,006**	**37,551,287**	**37,551,050**	**37,552,867**	**37,550,235**	**37,551,854**	**37,552,938**	**37,551,484**	**37,554,114**	**37,551,968**
Loan Rate	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**
Start FY	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
End FY	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
Total	**-**	**36,792,307**	**57,785,949**	**50,483,199**	**50,483,174**	**50,483,564**	**50,480,881**	**50,482,347**	**50,482,819**	**50,480,812**	**50,484,295**	**50,482,444**	**50,479,885**	**50,479,004**	**50,480,726**	**50,480,407**	**50,482,851**	**50,479,312**	**50,481,489**	**50,482,945**	**50,480,991**	**50,484,527**	**50,481,643**
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	1,839,615	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	-	1,839,615	2,889,297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	1,839,615	2,889,297	2,524,160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	1,839,615	2,889,297	2,524,160	2,524,159	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	-	-	-	-	-	-	-	-	-	-	-	-
2025	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	-	-	-	-	-	-	-	-	-	-	-
2026	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	-	-	-	-	-	-	-	-	-	-
2027	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	-	-	-	-	-	-	-	-	-
2028	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	-	-	-	-	-	-	-	-
2029	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	-	-	-	-	-	-	-
2030	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	-	-	-	-	-	-
2031	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	-	-	-	-	-
2032	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	-	-	-	-
2033	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	-	-	-
2034	-	1,839,615	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	-	-
2035	-	-	2,889,297	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	-
2036	-	-	-	2,524,160	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2037	-	-	-	-	2,524,159	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2038	-	-	-	-	-	2,524,178	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2039	-	-	-	-	-	-	2,524,044	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2040	-	-	-	-	-	-	-	2,524,117	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2041	-	-	-	-	-	-	-	-	2,524,141	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2042	-	-	-	-	-	-	-	-	-	2,524,041	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2043	-	-	-	-	-	-	-	-	-	-	2,524,215	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2044	-	-	-	-	-	-	-	-	-	-	-	2,524,122	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2045	-	-	-	-	-	-	-	-	-	-	-	-	2,523,994	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	2,523,950	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,036	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,020	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,143	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,523,966	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,074	2,524,147	2,524,050	2,524,226	2,524,082
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,147	2,524,050	2,524,226	2,524,082
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,050	2,524,226	2,524,082
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,226	2,524,082
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,082
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FY 20-Yr Loans	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058
Loaned:	**37,550,025**	**37,551,273**	**37,553,485**	**37,552,201**	**37,550,702**	**37,554,596**	**37,554,825**	**37,550,539**	**37,554,828**	**37,552,545**	**37,551,941**	**37,550,472**	**37,550,113**	**37,554,511**	**37,554,983**	**37,552,298**	**37,551,427**	**37,553,941**	**37,551,853**	**37,554,188**	**37,553,520**	**37,553,489**	**37,554,495**
Loan Rate	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**
Start FY	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059
End FY	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078
Total	**50,479,030**	**50,480,708**	**50,483,681**	**50,481,955**	**50,479,941**	**50,485,174**	**50,485,483**	**50,479,721**	**50,485,486**	**50,482,418**	**50,481,606**	**50,479,632**	**50,479,148**	**50,485,061**	**50,485,695**	**50,482,086**	**50,480,914**	**50,484,294**	**50,481,487**	**50,484,627**	**50,483,728**	**50,483,687**	**50,485,039**
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2037	2,523,952	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2038	2,523,952	2,524,035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2039	2,523,952	2,524,035	2,524,184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2040	2,523,952	2,524,035	2,524,184	2,524,098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2041	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2042	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2043	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2044	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2045	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2046	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	-	-	-	-	-	-	-	-	-	-	-	-	-
2047	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	-	-	-	-	-	-	-	-	-	-	-	-
2048	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	-	-	-	-	-	-	-	-	-	-	-
2049	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	-	-	-	-	-	-	-	-	-	-
2050	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	-	-	-	-	-	-	-	-	-
2051	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	-	-	-	-	-	-	-	-
2052	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	-	-	-	-	-	-	-
2053	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	-	-	-	-	-	-
2054	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	-	-	-	-	-
2055	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	-	-	-	-
2056	2,523,952	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	-	-	-
2057	-	2,524,035	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	-	-
2058	-	-	2,524,184	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	-
2059	-	-	-	2,524,098	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2060	-	-	-	-	2,523,997	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2061	-	-	-	-	-	2,524,259	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2062	-	-	-	-	-	-	2,524,274	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2063	-	-	-	-	-	-	-	2,523,986	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2064	-	-	-	-	-	-	-	-	2,524,274	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2065	-	-	-	-	-	-	-	-	-	2,524,121	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2066	-	-	-	-	-	-	-	-	-	-	2,524,080	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2067	-	-	-	-	-	-	-	-	-	-	-	2,523,982	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2068	-	-	-	-	-	-	-	-	-	-	-	-	2,523,957	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2069	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,253	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,285	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,104	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,046	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,215	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,074	2,524,231	2,524,186	2,524,184	2,524,252
2075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,231	2,524,186	2,524,184	2,524,252
2076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,186	2,524,184	2,524,252
2077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,184	2,524,252
2078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,524,252
2079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FY 20-Yr Loans	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	TOTALS
Loaned:	**37,550,476**	**37,552,639**	**37,550,266**	**37,552,614**	**37,552,409**	**37,550,617**	**37,553,789**	**37,550,655**	**37,553,010**	**37,553,495**	**37,552,322**	**37,553,919**	**37,553,474**	**37,853,255**	**2,211,142,160**
Loan Rate	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	**3.00%**	
Start FY	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	
End FY	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	
Total	**50,479,636**	**50,482,545**	**50,479,355**	**50,482,510**	**50,482,235**	**50,479,826**	**50,484,090**	**50,479,877**	**50,483,042**	**50,483,694**	**50,482,117**	**50,484,265**	**50,483,666**	**50,886,666**	**2,972,469,697**
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,839,615
2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,728,913
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,253,073
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,777,231
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,301,410
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,825,454
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17,349,571
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,873,712
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22,397,753
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,921,967
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27,446,090
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,970,084
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32,494,034
2028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35,018,070
2029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37,542,091
2030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40,066,233
2031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42,590,199
2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45,114,273
2033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47,638,421
2034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,162,470
2035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,847,081
2036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,866
2037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,657
2038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,534
2039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,540
2040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,594
2041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,473
2042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,591
2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,825
2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,596
2045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,748
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,875
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,482,005
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,950
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,887
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,481,998
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,482,317
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,482,347
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,482,245
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,482,410
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,482,258
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,482,407
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,482,642
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,482,791
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,482,859
2060	2,523,982	-	-	-	-	-	-	-	-	-	-	-	-	-	50,482,743
2061	2,523,982	2,524,127	-	-	-	-	-	-	-	-	-	-	-	-	50,482,873
2062	2,523,982	2,524,127	2,523,968	-	-	-	-	-	-	-	-	-	-	-	50,482,582
2063	2,523,982	2,524,127	2,523,968	2,524,126	-	-	-	-	-	-	-	-	-	-	50,482,434
2064	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	-	-	-	-	-	-	-	-	-	50,482,559
2065	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	-	-	-	-	-	-	-	-	50,482,276
2066	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	-	-	-	-	-	-	-	50,482,360
2067	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	-	-	-	-	-	-	50,482,274
2068	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	-	-	-	-	-	50,482,444
2069	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	-	-	-	-	50,482,671
2070	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	-	-	-	50,482,524
2071	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	-	-	50,482,453
2072	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	-	50,482,532
2073	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	50,502,819
2074	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	47,978,605
2075	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	45,454,530
2076	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	42,930,299
2077	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	40,406,113
2078	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	37,881,928
2079	2,523,982	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	35,357,676
2080	-	2,524,127	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	32,833,694
2081	-	-	2,523,968	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	30,309,567
2082	-	-	-	2,524,126	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	27,785,599
2083	-	-	-	-	2,524,112	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	25,261,474
2084	-	-	-	-	-	2,523,991	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	22,737,362
2085	-	-	-	-	-	-	2,524,205	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	20,213,371
2086	-	-	-	-	-	-	-	2,523,994	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	17,689,166
2087	-	-	-	-	-	-	-	-	2,524,152	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	15,165,173
2088	-	-	-	-	-	-	-	-	-	2,524,185	2,524,106	2,524,213	2,524,183	2,544,333	12,641,020
2089	-	-	-	-	-	-	-	-	-	-	2,524,106	2,524,213	2,524,183	2,544,333	10,116,836
2090	-	-	-	-	-	-	-	-	-	-	-	2,524,213	2,524,183	2,544,333	7,592,730
2091	-	-	-	-	-	-	-	-	-	-	-	-	2,524,183	2,544,333	5,068,517

Attachment 16: Project Priority List

STATE OF OKLAHOMA
FY 2012-2016 Clean Water SRF Project Priority List
Effective July 1, 2011 - June 30, 2012

	OPDES Permit #	Loan Type	Name	Disadvantaged Community Y/N	Project No.	Target B.C. Date	Priority List Amount	Project Description
FY 2012 Fundable Projects (July 2011 - June 2012)								
1	OK0028185	LC	Hydro PWA	Y	ORF-12-0001	04/10/12	$2,530,000	New WWTP (Cat. II)
2	OK0034266	LC	Lone Grove W&ST	Y	ORF-04-0011	05/08/12	$12,000,000	New WWTP, Lift Station and Force Mains (Cat. II, IIIB, & IVB)
3	OKG582226 OKG580005	LC	Wetumka PWA	Y	ORF-12-0004	06/12/12	$3,500,000	New WWTP (Cat. I)
4	OK0028045	LC	Altus MA	Y	ORF-12-0005	04/10/12	$1,951,250	WWTP Improvements and Grey Water Irrigation System (Cat. II & X)
5	OK0020711	LC	Stigler MIA	Y	ORF-12-0015	06/12/12	$7,100,000	Construction of New WWTP (Cat. II)
6	OK0033464	LC	Sperry USA	Y	ORF-12-0008	03/13/12	$443,900	New Sanitary Sewer Line and Appurtenances to Serve Unsewered Area (Cat. IVA)
7	OK0027618	LC	Hominy PWA	Y	ORF-12-0007	05/08/12	$600,000	WWTP Improvements (Cat. II)
8	None	LC	Geronimo PWA	Y	ORF-12-0006	06/12/12	$1,500,000	Wastewater Treatment Facility Rehabilitation (Cat. IIIB)
9	OK0026239	LC	Norman UA	Y	ORF-12-0009	06/12/12	$26,000,000	WWTP Improvements (Cat. II)
10	OK0029173	LC	Tuttle PWA	Y	ORF-12-0010	06/12/12	$2,000,000	New Sewer Main and Additional Lagoon and Appurtenances (Cat. I & IVB)
11	OK0029009	LC	McLoud PWA	Y	ORF-12-0011	05/08/12	$1,750,000	New Collection Line (Cat. IVA)
12	OK0040053	LC	Broken Arrow MA	N	ORF-12-0012	03/13/12	$4,000,000	Trunk Sewer Replacement (Cat. IIIB)
13	OK0039063	LC	Durant CUA	Y	ORF-12-0013	04/10/12	$1,025,000	Sludge Belt Filter (Cat. II)
FY 2013 Planning/Contingency Projects (July 2012 - June 2013)								
1	NS-OK0026221 SS-OK0026239	LC	Tulsa MUA	Y	Unassigned	10/09/12	$43,920,000	Sanitary Sewer and WWTP Rehabilitation and Improvements and New Interceptor (Cat. I, IIIA, IIIB, & IVB)
2	OK0029131	LC	Muskogee UA	Y	Unassigned	09/11/12	$24,710,000	Wastewater Collection System Rehabilitation (Cat. IIIB)
3	OK0026816	LC	Mustang IA	N	Unassigned	03/12/13	$7,480,000	Phase II WWTP Expansion and Improvements (Cat. II & IIIB)
FY 2014 Planning/Contingency Projects (July 2013 - June 2014)								
1	NS-OK0026221 SS-OK0026239	LC	Tulsa MUA	Y	Unassigned	10/08/13	$41,365,000	Sanitary Sewer and WWTP Rehabilitation and Improvements and New Interceptor (Cat. I, IIIA, IIIB, & IVB)
FY 2015 Planning/Contingency Projects (July 2014 - June 2015)								
1	NS-OK0026221 SS-OK0026239	LC	Tulsa MUA	Y	Unassigned	10/07/14	$24,065,000	Sanitary Sewer and WWTP Rehabilitation and Improvements and New Interceptor (Cat. I, IIIA, IIIB, & IVB)
FY 2016 Planning/Contingency Projects (July 2015 - June 2016)								
1	NS-OK0026221 SS-OK0026239	LC	Tulsa MUA	Y	Unassigned	10/06/15	$29,440,000	Sanitary Sewer and WWTP Rehabilitation and Improvements and New Interceptor (Cat. I, IIIA, IIIB, & IVB)

Projects Approved by OWRB for Funding in FY 2012 (July 2011 - Present)								
1	None	LC	Nicoma Park DA	Y	ORF-09-0035	07/12/11	$351,000	New Sewer Collection System (Cat. IVA)
2	OK0029131	LC	Muskogee UA	Y	ORF-11-0008	08/09/11	$12,775,000	Wastewater Collection System Rehabilitation (Cat. IIIA & IVB)
3	OK0020303	LC	Owasso PWA	N	ORF-10-0014	09/13/11	$3,540,000	Upgrade Liftstaion and New Force Main (Cat. IVB)
4	OK0027138	LC	Glenpool USA	N	ORF-11-0002	09/13/11	$3,740,625	WWTP Upgrade, New Relief Line and Force Main(Cat. I & IVB)
5	OK0032573	LC	Muldrow PWA	Y	ORF-11-0007	09/13/11	$3,705,000	Wastewater Treatment Facility Improvements (Cat. II)
6	None	LC	Elgin PWA	Y	ORF-10-0005	10/17/11	$3,150,000	Total Retention Lagoon Improvements & Rehab and New Aeration Lagoons (Cat. I & IIIB)
7	NS-OK0026221	LC	Tulsa MUA	Y	ORF-11-0005	12/13/11	$16,700,000	Lower Bird Creek WWTP Expansion (Cat. II)
8	OK0021512	LC	Vian PWA	Y	ORF-11-0006	02/13/12	$1,555,000	New FEB (Cat. II)
9	OK0035611	LC	Eufaula PWA	Y	ORF-11-0009	02/13/12	$4,035,000	WWTP Improvements and Sanitary Sewer Line Replacement (Cat. II & IIIB)
10	NS-OK0026221	LC	Tulsa MUA	Y	ORF-12-0003	03/13/12	$4,347,000	Sanitary Sewer and WWTP Rehabilitation and Improvements (Cat. I, IIIA, & IIIB)
11	OK0027120	LC	Chandler MA	Y	ORF-12-0016	04/10/12	$1,300,000	Sanitary Sewer Collection Line, Manhole, and Lift Station Rehabilitation(Cat IIIB)

LOAN TYPE:
LC = Long-term Construction Loan
NC = Non-Construction Loan
R = Refinance

Loan Totals (All Loans)	
FY 12	$64,400,150
FY 13	$76,110,000
FY 14	$41,365,000
FY 15	$24,065,000
FY 16	$29,440,000
FUNDED to date in FY12	$55,198,625
TOTALS	**$290,578,775**

Attachment 17: Priority Rating System

Oklahoma Clean Water State Revolving Fund
Integrated Priority Rating System for Distribution of Funds

Applicant:
CWSRF Loan No.:
Amount Requested:
Project Description:

Initial Request Received:

Reranked:
Population:
County:
Congressional District:

Criteria	Points Available	Total Points
1. Project Type Factor:		**Maximum points: 70**
Treatment works or water quality projects designed to effectively eliminate or reduce a documented source of human health threat and/or discharge permit limit violation within a watershed of a waterbody being utilized as a water supply.	70	
Treatment works or water quality projects designed to effectively eliminate or reduce a documented source of human health threat and/or discharge permit limit violation.	60	
Treatment works or water quality projects designed to sustain compliance with or provide a degree of treatment beyond permit limits; increase capacity, reliability, or efficiency; reclaim/reuse wastewater; reduce a documented water quality threat or otherwise maintain beneficial uses. Examples: correct subsurface discharge (I/I); regionalize treatment and collection; eliminate untreated/uncontrolled runoff; restore critical habitat or resources; groundwater recharge; etc.	30	
All other eligible treatment works or pollution control projects. Examples: projects to eliminate or prevent undocumented runoff, provide demonstration/pilot/or education projects, etc.	20	
Categories: I-Secondary Treatment; II-Advanced Treatment; IIIA-Infiltration/Inflow Correction; IIIB-Replacement or Major Rehab. of Sewers; IVA-Sewage Collection System; IVB-Interceptor Sewer & Appurtenances; V-Correction of Combined Sewer Overflows.		
Enforcement Orders, letter or posting from authorized agency, 303(d) list for human health, agency report/recommendations citation: C.O. #_____ Examples: raw sewage discharge elimination, untreated/uncontrolled runoff, treatment/collection improvements to meet enforcement order, provide sewage collection to an unsewered area w/septic failure rate >30%, etc. OWQS App. A: See Below Waterbody Name:#		
2. Water Quality Restoration Factor – Restorative measures on waterbodies not meeting "beneficial uses"		**Maximum points: 20**
Project is located in a watershed listed as a "Top Ten NPS Priority Watershed" in Oklahoma's Nonpoint Source Management Program	10	
Project is listed on Oklahoma's 303(d) list of threatened or impaired stream segments	5	
Project implements the recommendations of a conservation plan, site-specific water quality remediation plan, TMDL or modified 208 water quality management plan, which has been approved by an agency of competent jurisdiction, in a sub-watershed where discharge or runoff from nonpoint sources are identified as causing, or significantly contributing to water quality degradation.	5	
NPS Priority Watershed:_____ 303(d) List Receiving Stream:_____ Impairment:_____ Pri. Basin:___ Water Body I.D.: NHD:_____ NPDES Permit #:_____ State ID#:_____ POD lat:_____ long:_____ POD legal:_____ Facility lat:_____long: Facility legal:_____ Document Name:_____ Date:_____ Agency Approval:		
3. Water Quality Protection Factor – Preventative measures against water quality degradation of waterbodies meeting beneficial uses and "high quality" water bodies		**Maximum points: 10**
Surface and Ground Water Protection Factor (Water Quality Standards Beneficial Use Maintenance/ Antidegradation Policy):		
Project is located within a watershed of a stream segment or in a groundwater basin underlying a stream segment (known as "special source" groundwater): 1) listed in OWQS Appendix A. as an Outstanding Resources Water, High Quality Water, Sensitive Water Supply, Scenic River or Culturally Significant Water; 2) listed in OWQS Appendix B.--"Areas with Waters of Recreational and/or Ecological Significance;" or 3) is located in a delineated "source water protection area." **OR:** Project is located in an area overlying a groundwater classified in OWQS with a "vulnerability" level of: Very High, High, Moderate or Nutrient vulnerable (OAC 785-45-7-3-(b)(2)(c) and (d)).	10	
OWQS App. A. listing:_____; OWQS App. B: Table 1,_____ & Table 2, _____; ODEQ/OWRB wellhead protection/source water protection area:_____; Vulnerability = Appx. D: Table 1,_____ & Table 2:_____		
4. Programmatic Prioirty Factor		**Maximum points: 100**
≤ 20% of project is considered green infrastructure	20	
≤ 40% of project is considered green infrastructure	40	
≤ 60% of project is considered green infrastructure	60	
≤ 80% of project is considered green infrastructure	80	
≤ 100% of project is considered green infrastructure	100	
5. Readiness to Proceed Criteria		**Maximum points: 500**
A completed loan application has been submitted and Oklahoma Department of Environemtal Quality or Oklahoma Conservation Commission has approved the project, including the appropriate technical plans and specifications necessary to implement the project.	400	
A completed loan application has been submitted and preliminary planning documents have been submitted to ODEQ or OCC and OWRB.	300	
Preliminary planning documents have been submitted to ODEQ or OCC and OWRB.	200	
A request to be considered for funding within the 5-year planning period has been submitted to the OWRB.	100	
	Total Points	

ATTACHMENT 18. Construction Starts by State Fiscal Year

Loan Recipient	Project Number	Assistance Amount	ARRA Portion of Assitance Amount	Construction Start Year
TMUA (1st)	40106814	11,100,000		1991
TMUA (2nd)	40106820	15,559,500		1992
GUYMON	40082621	300,000		1992
MUSKOGEE (1st)	40110811	11,553,000		1992
BEAVER (1st)	40110103	844,000		1993
DEWEY	40111403	1,450,000		1993
MARIETTA	40110403	644,166		1993
NORMAN (1st)	40089941	6,800,000		1993
NICOMA PARK	40114003	1,445,000		1993
BETHANY/WA	40111003	9,523,800		1994
DUNCAN	40113603	9,400,000		1994
PONCA CITY (1st)	40113011	5,681,000		1994
TMUA (3rd)	40106821	20,994,611		1995
WASHINGTON	40114103	410,000		1995
HENRYETTA (1st)	40111903	4,765,000		1995
MARLOW	40117703	3,925,000		1996
FAIRFAX	40117103	882,000		1996
PITTSBURG	40116003	105,000		1996
SKIATOOK	40112003	600,000		1996
SHAWNEE	40115411	3,048,000		1996
HARRAH	40117403	1,400,000		1996
TONKAWA (1st)	40115903	350,000		1996
KIEFER*	40116103	320,000		1996
PONCA CITY (DEC)	40113011	(1,131,029)		1997
VINITA	40117611	1,900,000		1997
KIEFER (DEC)	40116103	(15,908)		1997
PONCA CITY (2nd)	40113021	18,680,000		1997
RUSH SPRINGS	40118303	605,150		1997
BEAVER -ARB.(2nd)	40110190	376,674		1997
INOLA	ORF-96-0014	625,000		1997
HENRYETTA (DEC.)	40111911	(66,190)		1997
LOCUST GROVE	40118003	1,835,000		1997
HENRYETTA (2nd)	40111990	173,694		1997
CHANDLER	40113403	2,502,619		1997
'BAMA (Hak.-2nd)	40117011	2,820,000		1997
TMUA (4th)	40118211	4,000,000		1997
HELENA	40118503	440,000		1997
OWASSO (1st)	40114611	1,520,000		1997
BAMA (1st)	40115003	3,925,000		1997
HAILEYVILLE	40115803	419,000		1997
ENID (1st)	40118411	8,200,000		1997
HARRAH (DEC.)	40117403	(20,435)		1997
CHECOTAH	40119503	3,025,000		1998
DUNCAN (DEC)	40113603	(223,295)		1998
SKIATOOK(DEC)	40112003	(106,764)		1998
SHAWNEE (DEC)	40115411	(317,133)		1998
KIEFER (DEC)	40116103	(38)		1998
RUSH SPRS. (DEC)	40118303	(21,004)		1998
HELENA (DEC)	40118503	(17,022)		1998
MUSKOGEE (2nd)	40110841	14,112,000		1998
GERONIMO	40118603	395,000		1998
BAMA (REF.Bnds-3rd)	40117090	1,079,599		1998
TMUA (Part) Ref. (6th)	40106893	302,763		1998
TMUA-REHAB. (5th)	ORF-97-0015	12,900,000		1998
FAIRFAX (DEC)	40117103	(19)		1998
POTEAU	40113903	2,335,000		1998
FORT GIBSON	40121903	445,100		1998
OKEMAH	40118803	3,300,000		1998
FT. GIBSON(DEC)	ORF-97-0011	(13,503)		1999
TMUA (7th)	ORF-98-0007	17,035,000		1999
WAG. RW&SD #4	ORF-96-0012	6,752,000		1999
BIXBY	ORF-96-0008	4,938,787		1999
NORMAN (2nd)	ORF-97-0006	4,850,000		1999
PERRY	ORF-97-0010	950,000		1999
GRAYSON	ORF-97-0018	75,982		1999
TISHOMINGO	ORF-97-0022	1,353,727		1999
BROMIDE	ORF-97-0012	98,696		1999
EL RENO (1st)	ORF-97-0008	1,317,000		1999
OWASSO Part Ref.)	ORF-99-0008	375,429		1999
GLENPOOL	ORF-95-0006	3,751,500		1999
OWASSO (1st)	ORF-96-0002	(80,936.59)		1999
SHATTUCK	ORF-97-0002	500,000		2000
BAMA (4th)	ORF-98-0012	945,000		2000
LAWTON (1st)	ORF-98-0015	9,570,000		2000
WARNER	ORF-96-0022	258,000		2000
STILWELL	ORF-98-0010	3,807,450		2000
CHECOTAH (DEC)	ORF-97-0016	(61,856)		2000
MUSKOGEE (DEC)	ORF-96-0017	(224,055)		2000
PONCA (DEC)	ORF-96-0009	(1,612,899)		2000
OWASSO (2nd)	ORF-98-0013	2,573,838		2000
HASKELL	ORF-99-0015	272,251		2000
VIAN	ORF-98-0017	1,100,000		2000
FT. GIBSON	ORF-99-0017	683,263		2000
JAY	ORF-99-0011	3,734,452		2001
INOLA (DEC)	ORF-96-0014	(122)		2001
EL RENO (DEC)	ORF-97-0008	(35,454)		2001
DUNCAN	ORF-99-0005	9,267,050		2001
ENID (U.BOGGY) (2nd)	ORF-00-0013	2,700,000		2001
TMUA (8th)	ORF-00-0014	4,000,000		2001
WARNER (Dec.)	ORF-96-0022	(11,850)		2001
POCOLA	ORF-98-0014	760,000		2001
HOBART	ORF-00-0007	190,931		2001
BIG CABIN	ORF-98-0016	436,000		2001
ROGERS RSD1	ORF-99-0002	630,000		2001
GLENPOOL (Dec.)	ORF-95-0006	(35,990)		2001
GRAND LAKE	ORF-99-0022	2,700,000		2001
GRAYSON (Dec.)	ORF-97-0018	(133)		2001
ANTLERS	ORF-99-0014	16,329		2002
VIAN (Dec.)	ORF-98-0017	(67,164)		2002
PRAGUE	ORF-97-0005	1,649,750		2002
STILLWATER	ORF-00-0018	20,280,000		2002

ATTACHMENT 18. Construction Starts by State Fiscal Year

Loan Recipient	Project Number	Assistance Amount	ARRA Portion of Assitance Amount	Construction Start Year
LAWTON (2nd)	ORF-01-0005	5,827,307		2002
COLLINSVILLE	ORF-99-0019	897,424		2002
MIAMI	ORF-00-0011	8,950,000		2002
DURANT	ORF-00-0002	16,060,000		2002
EL RENO (2nd)	ORF-00-0005	1,919,995		2002
SAND SPRINGS	ORF-00-0010	6,167,095		2002
OWASSO (3rd)	ORF-01-0004	2,216,045		2002
TMUA (Dec.-final)	ORF-98-0007	(2,945)		2002
CUSHING	ORF-00-0003	6,500,000		2002
ARKOMA	ORF-01-0010	355,000		2002
TMUA (9th)	ORF-02-0002	3,250,000		2002
TONKAWA (2nd)	ORF-02-0008	526,198		2002
SPIRO	ORF-99-0010	795,000		2002
DUNCAN (dec.-final)	ORF-99-0005	(251,104)		2003
TONKAWA (3rd) I-35 Line	ORF-97-0007	1,070,000		2003
MORRIS	ORF-01-0003	1,650,000		2003
SULPHUR	ORF-01-0008	1,013,652		2003
McCURTAIN	ORF-01-0009	41,931		2003
WESTVILLE	ORF-99-0020	430,400		2003
COMMERCE	ORF-02-0010	577,000		2003
BARTLESVILLE	ORF-02-0013	1,418,245		2003
GRAND LAKE	ORF-02-0020	800,000		2003
Grove MSA	ORF-02-0003	7,500,000		2004
Tulsa MUA	ORF-03-0008	10,200,000		2004
Tulsa MUA	ORF-03-0002	2,570,000		2004
OK Tourism & Rec. Com.	ORF-03-0013	7,195,000		2004
Tulsa MUA	ORF-04-0002	10,725,000		2004
Henryetta MA (Ref. RD debt)	ORF-04-0004	1,955,000		2004
Sand Springs (Dec. Final)	ORF-00-0010	(481,979)		2004
Oologah MA	ORF-03-0006	543,500		2005
Guthrie	ORF-02-0009	607,000		2005
Anadarko	ORF-03-0009	3,500,000		2005
Harrah	ORF-03-0014	2,220,000		2005
Ardmore	ORF-04-0006	17,000,000		2005
Tulsa	ORF-04-0014	7,900,000		2005
Sand Springs	ORF-05-0002	2,245,986		2005
Spiro	ORF-99-0010	(19,963)		2005
Arkoma	ORF-01-0010	(67,636)		2005
Stillwater	ORF-00-0018	(7,590)		2005
Vinita	ORF-04-0005	1,290,000		2006
Lawton	ORF-04-0012	10,815,000		2006
Stroud UA	ORF-05-0004	1,693,370.01		2006
Pauls Valley MA	ORF-04-0013	900,000		2006
Sand Springs MA	ORF-05-0010	2,120,824.68		2006
Tulsa MUA	ORF-05-0009	3,130,000.00		2006
Noble UA (Ref.)	ORF-06-0004	2,540,000.00		2006
Big Cabin	ORF-98-0016	(129,459.46)		2006
Guthrie PWA	ORF-02-0009	(3,442)		2006
Miami SUA	ORF-00-0011	(26,560)		2006
Tulsa MUA	ORF-02-0002	(2,946.29)		2006
Glencoe PWA	ORF-05-0003	170,000.00		2007
Tishomingo MA	ORF-04-0003	1,114,335.25		2007
Broken Arrow MA	ORF-05-0006	15,000,000.00		2007
Calera PWA	ORF-06-0003	2,016,707.04		2007
Calera PWA *(Withdrawn)*	ORF-06-0003	(2,016,707.04)		2007
McLoud PWA	ORF-04-0008	5,315,000.00		2007
Tulsa MUA	ORF-06-0006	17,825,000.00		2007
Vinita	ORF-04-0005	(107,254.09)		2007
TULSA MUA	ORF-03-0002	(6,183.63)		2007
TULSA MUA	ORF-03-0008	(558,400.94)		2007
Tulsa MUA	ORF-04-0002	(1,044,257.59)		2007
Oologah MA	ORF-03-0006	(12,667.52)		2007
Bethany PWA	ORF-05-0011-CW	5,140,000.00		2008
Hobart PWA	ORF-06-0005-CW	1,040,000.00		2008
Ponca City UA	ORF-07-0006-CW	5,565,000.00		2008
Tulsa MUA	ORF-08-0004-CW	1,250,000.00		2008
Woodward MA	ORF-07-0001-CW	1,400,000.00		2008
Collinsville MA	ORF-06-0009-CW	1,316,997.75		2008
Ardmore PWA	ORF-04-0006-CW	(217,866.51)		2008
Guymon UA	ORF-08-0001-CW	16,400,000.00		2009
Beggs PWA	ORF-05-0005-CW	4,220,000.00		2009
Roland UA	ORF-08-0003-CW	3,855,000.00		2009
Pawnee PWA	ORF-08-0005-CW	1,275,000.00	393,719.87	2009
Moore PWA	ORF-08-0002-CW	$3,943,482.00	1,217,746.85	2009
Mustang IA	ORF-08-0006-CW	6,590,000.00	2,000,000.00	2009
Harrah PWA	ORF-08-0008-CW	1,930,000.00	595,983.81	2009
Perkins PWA	ORF-09-0002-CW	7,225,000.00	2,000,000.00	2009
Lawton WA	ORF-07-0003-CW	8,004,612.18	0.00	2009
Adair MA	ORF-08-0007-CW	1,400,000.00	432,319.86	2009
Tulsa MUA	ORF-09-0001-CW	11,320,000.00	0.00	2009
Tulsa MUA	ORF-09-0006-CW	$7,350,000.00	$2,000,000.00	2010
Norman UA	ORF-09-0017-CW	7,640,000.00	$2,000,000.00	2010
Ardmore PWA	ORF-09-0018-CW	$1,090,000.00	$336,591.89	2010
COMCD	ORF-09-0027-CW	$369,520.00	$369,520.00	2010
COMCD	ORF-09-0027-CWA	$1,131,765.20	$1,131,765.20	2010
Collinsville MA	ORF-09-0009-CW	$550,000.00	$169,839.95	2010
Del City MSA	ORF-09-0022-CW	$1,190,000.00	$367,471.88	2010
Duncan PUA	ORF-09-0016-CW	$340,000.00	$304,135.93	2010
El Reno MA	ORF-09-0025-CW	$204,493.29	$63,303.98	2010
Enid MA	ORF-09-0019-CW	$39,900,000.00	0.00	2010
Grand Lake PWA	ORF-09-0004-CW	$992,500.00	$306,483.90	2010
Grove MSA	ORF-07-0008-CW	$1,900,000.00	$586,719.81	2010
Guymon UA	ORF-09-0013-CW	$1,335,000.00	$412,247.87	2010
Henryetta MA	ORF-09-0029-CW	$3,650,000.00	$1,127,119.64	2010
Lawton WA	ORF-09-0015-CW	$12,270,000.00	$2,000,000.00	2010
Muskogee MA	ORF-09-0020-CW	$1,435,000.00	$443,127.86	2010
Oklahoma City WUT	ORF-09-0021-CW	$9,469,450.64	$2,000,000.00	2010
Oklahoma Conservation Commission	ORF-09-0028-CW	$2,000,000.00	$2,000,000.00	2010

ATTACHMENT 18. Construction Starts by State Fiscal Year

Loan Recipient	Project Number	Assistance Amount	ARRA Portion of Assitance Amount	Construction Start Year
Oklahoma Conservation Commission	ORF-09-0031-CW	$86,500.00	$86,500.00	2010
Oklahoma Conservation Commission	ORF-09-0032-CW	$2,000,000.00	$2,000,000.00	2010
Owasso PWA	ORF-09-0003-CWA	$1,785,000.00	$1,785,000.00	2010
Owasso PWA	ORF-09-0003-CW	$10,795,000.00	0.00	2010
Owasso PWA	ORF-09-0007-CW	$4,510,000.00	0.00	2010
Piedmont MA	ORF-09-0014-CW	$2,515,000.00	$776,631.75	2010
Ponca City UA	ORF-09-0011-CW	$575,000.00	$177,559.94	2010
Sperry USA	ORF-09-0023-CW	$390,000.00	$120,431.96	2010
Stillwater UA	ORF-09-0024-CW	$1,875,000.00	$578,999.81	2010
Sulphur MA	ORF-09-0030-CW	$10,200,000.00	$2,000,000.00	2010
Tulsa City County Libraries	ORF-09-0034-CW	$202,799.90	$202,799.90	2010
Walters Public Works Authority	ORF-09-0005-CW	$1,326,407.00	$409,594.35	2010
Hobart Public Works Authority	ORF-07-0007-CW	$570,000.00	0.00	2011
Moore Public Works Authority	ORF-08-0002-CWA	$42,837,500.00	0.00	2011
Okmulgee Municipal Authority	ORF-09-0012-CW	$5,100,000.00	0.00	2011
Inola Public Works Authority	ORF-06-0011-CW	$2,000,000.00	0.00	2011
Fairview Utilities Authority	ORF-10-0009-CW	$1,980,000.00	0.00	2011
Guthrie Public Works Authority	ORF-10-0008-CW	$4,375,000.00	0.00	2011
Okmulgee Municipal Authority	ORF-10-0013-CW	$616,703.88	0.00	2011
Pawnee Public Works Authority	ORF-10-0003-CW	$6,955,000.00	0.00	2011
Stroud Utilities Authority	ORF-10-0015-CW	$610,163.34	0.00	2011
Calera Public Works Authority *(Ref. Existing Debt)*	ORF-10-0010-CW	$4,985,000.00	0.00	2011
Moore Public Works Authority	ORF-10-0012-CW	$6,637,000.00	0.00	2011
Oklahoma City Water Utilities Trust	ORF-10-0011-CW	$24,926,727.00	0.00	2011
Roland UA	ORF-08-0003-CW	($30,454.70)	0.00	2011
Bethany PWA	ORF-05-0011-CW	($70,802.71)	0.00	2011
Lawton	ORF-04-0012-CW	(2,315,000.00)	0.00	2011
Fort Gibson	ORF-11-0004-CW	$980,000.00	0.00	2012
Yale Water and Sewage Trust	ORF-11-0001-CW	$2,990,000.00	0.00	2012
Bixby Public Works Authority	ORF-10-0006-CW	$2,860,000.00	0.00	2012
Broken Arrow Municipal Authority	ORF-09-0033-CW	$4,680,000.00	0.00	2012
Okemah Utilities Authority	ORF-10-0007-CW	$2,565,000.00	0.00	2012
Chandler Municipal Authority	ORF-12-0016-CW	$1,175,000.00	0.00	2012
Elgin Public Works Authority	ORF-10-0005-CW	$3,060,000.00	0.00	2012
Eufaula Public Works Authority	ORF-11-0009-CW	$4,035,000.00	0.00	2012
Glenpool Utility Service Authority	ORF-11-0002-CW	$3,740,625.00	0.00	2012
Muldrow Public Works Authority	ORF-11-0007-CW	$3,705,000.00	0.00	2012
Nicoma Park Development Authority	ORF-09-0035-CW	$124,371.96	0.00	2012
Owasso Public Works Authority	ORF-10-0014-CW	$3,115,000.00	0.00	2012
Walters Public Works Authority	ORF-09-0005-CW	($75,597.78)	0.00	2012
Ardmore Public Works Authority	ORF-09-0018-CW	($34,923.01)	0.00	2012
Piedmont Municipal Authority	ORF-09-0014-CW	($97,427.77)	0.00	2012
Owasso Public Works Authority	ORF-09-0007-CW	($202,991.78)	0.00	2012
Pauls Valley Municipal Authority	ORF-04-0013-CW	($8,119.76)	0.00	2012
Del City Municipal Services Authority	ORF-09-0022-CW	($1,707.18)	0.00	2012
Ponca City Utility Authority	ORF-09-0011-CW	($7,704.30)	0.00	2012
Beggs Public Works Authority	ORF-05-0005-CW	($15,870.95)	0.00	2012
Duncan Public Utilities Authority	ORF-09-0016-CW	($19,563.54)	0.00	2012
Commerce Development Authority	ORF-02-0010-CW	($40,057.83)	0.00	2012
Hobart Public Works Authority	ORF-07-0007-CW	($8,550.50)	0.00	2012
Oklahoma City Water Utilities Trust	ORF-09-0021-CW	($1,301,715.43)	0.00	2012
TOTAL		835,472,492.61	30,395,616.01	

Construction Start Loan Totals

Fiscal Year	# of Loans	$ Amount	ARRA Portion of Assitance Amount	# of ARRA Loans
1990	0	0		
1991	1	11,100,000		
1992	3	27,412,500		
1993	5	11,183,166		
1994	3	24,604,800		
1995	3	26,169,611		
1996	8	10,630,000		
1997	15	46,788,576		
1998	9	37,209,188		
1999	11	41,403,680		
2000	9	17,810,990		
2001	9	24,334,882		
2002	15	75,340,034		
2003	8	6,750,123		
2004	6	39,663,021		
2005	7	33,921,296.73		
2006	7	22,326,787.27		
2007	5	37,695,571.48		
2008	6	15,494,131.24		
2009	11	66,163,094.18	6,639,770.39	6
2010	30	129,078,436.03	23,755,845.62	27
2011	12	99,176,836.81	0.00	0
2012	12	31,215,767.13	0.00	0
Total	195	804,256,725.48	30,395,616.01	33

ATTACHMENT 19. Initiations of Operation (Final Payment) by State Fiscal Year

COMMUNITIES SERVED	PROJECT NUMBER	INITIATE OPERATION DATE	INITIATE OPERATION $ AMOUNT
Tulsa MUA (1st)	40106814	1992	11,100,000
Guymon UA	40082621	1992	300,000
Muskogee MA (1st)	40110811	1994	11,553,000
Beaver PWA (1st)	40110103	1994	844,000
Dewey PWA	40111403	1994	1,450,000
Marietta PWA	40110403	1994	644,166
Nicoma Park DA	40114003	1994	1,445,000
Tulsa MUA (2nd)	40106820	1994	15,559,500
Bethany PWA/WA	40111003	1995	9,523,800
Washington MA	40114103	1996	410,000
Henryetta UA (1st)	40111903	1996	4,765,000
Pittsburg PWA	40116003	1996	105,000
Norman UA (1st)	40089941	1996	6,800,000
Harrah PWA (DEC.)	40117403	1996	1,400,000
Tonkawa MA (1st)	40115903	1996	350,000
Kiefer PWA	40116103	1996	320,000
Harrah PWA (DEC.)	40117403	1997	(20,435)
Henryetta UA (2nd)	40111990	1997	173,694
Ponca City UA (DEC)	40113011	1997	(1,131,029)
Kiefer PWA (DEC)	40116103	1997	(15,946)
Helena PWA	40118503	1997	422,978
Ponca City UA (1st)	40113011	1997	5,681,000
Fairfax PWA	40117103	1997	881,981
Henryetta UA (DEC.)	40111911	1997	(66,190)
Beaver PWA (2nd)	40110190	1997	376,674
Skiatook PWA (DEC.)	40112003	1997	600,000
Geronimo PWA	40118603	1998	395,000
Broken Arrow MA (Lynn Lane)(1st)	40115003	1998	3,925,000
Chandler MA	40113403	1998	2,502,619
Rush Springs MA	40118303	1998	584,146
Tulsa MUA (3rd)	40106821	1998	20,994,611
Broken Arrow MA (HAIKEY PII)(2nd)	40117011	1998	2,820,000
Skiatook PWA (DEC)	40112003	1998	(106,764)
Shawnee MA	40115411	1998	2,730,867
Tulsa MUA (Part) Ref. (6th)	40106893	1998	302,763
Broken Arrow MA (1/2 Ref-bonds)(3rd)	40117090	1998	1,079,599
Haileyville PWA	40115803	1998	419,000
Duncan PUA(1st)	40113603	1998	9,176,705
Poteau PWA	ORF-95-0008	1999	2,335,000
Ft. Gibson UA (1st loan)	ORF-97-0011	1999	431,597
Owasso PWA (1st)	ORF-96-0002	1999	1,439,063
Muskogee MA (2nd)	ORF-96-0017	1999	13,887,945
Vinita UA	ORF-95-0003	1999	1,900,000
Locust Grove PWA	ORF-95-0011	1999	1,835,000
Tulsa MUA (4th)	ORF-96-0005	1999	4,000,000
Checotah PWA	ORF-97-0016	1999	2,963,144
Owasso PWA (Part Ref.)	ORF-99-0008	1999	375,429
Ponca City UA(2nd)	ORF-96-0009	2000	17,067,101
Norman UA (2nd)	ORF-97-0006	2000	4,850,000
Perry MA	ORF-97-0010	2000	950,000
Bromide PWA	ORF-97-0012	2000	98,696
Grayson DA	ORF-97-0018	2000	75,849
Tishomingo MA	ORF-97-0022	2000	1,353,727
Shattuck MA	ORF-97-0002	2000	500,000
Inola PWA	ORF-96-0014	2000	624,878
El Reno MA (1st)	ORF-97-0008	2000	1,281,546
Warner UA	ORF-96-0022	2000	246,150
Ft. Gibson UA(2nd)	ORF-99-0017	8/15/2000	683,263
Tulsa MUA-REHAB. (5th)	ORF-97-0015	7/26/00	12,900,000
Haskell PWA	ORF-99-0015	12/15/2000	272,251
Okemah UA	ORF-96-0016	03/01/2001	3,300,000
Stilwell ADA	ORF-98-0010	04/01/2001	3,807,450
Glenpool USA	ORF-95-0006	03/01/2001	3,715,510
Owasso PWA (2nd)	ORF-98-0013	05/15/2001	2,573,838
Vian PWA	ORF-98-0017	08/07/2001	1,032,836
Wagoner Co. RWSG #4	ORF-96-0012	07/01/2001	6,752,000
Marlow MA	ORF-95-0002	01/01/2002	3,925,000
Tulsa MUA (7th)	ORF-98-0007	02/15/2002	17,032,055
Antlers PWA	ORF-99-0014	12/06/2001	16,329
Jay UA	ORF-99-0011	02/20/2002	3,734,452
Hobart PWA	ORF-00-0007	04/12/2002	190,931
Roger Co. RSD#1	ORF-99-0002	06/01/2002	630,000
Enid MA (1st)	ORF-96-0003	05/30/2002	8,200,000
Enid MA (2nd)	ORF-00-0013	05/30/2002	2,700,000
Collinsville MA	ORF-99-0019	06/03/2002	897,424
Duncan PWA (2ND)	ORF-99-0005	09/24/2002	9,015,946
El Reno MA (2nd)	ORF-00-0005	12/13/2002	1,919,995

COMMUNITIES SERVED	PROJECT NUMBER	INITIATE OPERATION DATE	INITIATE OPERATION $ AMOUNT	ARRA Portion
Owasso PWA (3rd)	ORF-01-0004	11/18/2002	2,216,045	
Lawton WA (1st)	ORF-98-0015	01/09/2003	9,570,000	
Tonkawa MA (2nd)	ORF-02-0008	02/18/2003	526,198	
Prague PWA	ORF-97-0005	09/04/2002	1,649,750	
Grand Lake PWA	ORF-99-0022	05/23/2003	2,700,000	
McCurtain MA	ORF-01-0009	06/01/2003	41,931	
Bixby PWA	ORF-96-0008	08/27/2003	4,938,787	
Lawton WA (2nd)	ORF-01-0005	12/01/2003	5,827,307	
Spiro MIA	ORF-99-0010	07/10/2003	775,037	
Tulsa MUA (8th)	ORF-00-0014	05/24/2003	4,000,000	
Sand Springs MA	ORF-00-0010	03/08/2004	5,685,116	
Bartlesville MA	ORF-02-0013	03/15/2004	1,418,245	
Sulpher MA	ORF-01-0008	03/01/2004	1,013,652	
Commerce DA	ORF-02-0010	10/01/2003	577,000	
Arkoma MA	ORF 01-0010	01/16/2004	287,364	
Cushing MA	ORF-00-0003	12/12/2003	6,500,000	
Durant City UA	ORF-00-0002	04/09/2004	16,060,000	
Henryetta MA (Ref. RD debt)	ORF-04-0004	05/27/2004	1,955,000.00	
OK Tourism & Rec. Com.	ORF-03-0013	03/15/2004	7,195,000	
Stillwater UA	ORF-00-0018	07/29/2004	20,272,410	
Grove MSA	ORF-02-0003	02/15/2005	7,500,000	
Harrah PWA	ORF-03-0014	05/07/2006	2,220,000.00	
Pocola MA	ORF-98-014	03/30/2006	760,000.00	
Grand Lake PWA	ORF-02-0020	04/06/2006	800,000.00	
Guthrie PWA	ORF-02-0009	06/20/2006	603,558	
Sand Springs MA	ORF-05-0002	04/24/2006	2,245,986	
Miami SUA	ORF-00-0011	08/25/2005	8,923,440	
Tulsa MUA	ORF-02-0002	12/07/2005	3,247,054	
Big Cabin PWA	ORF-98-016	01/17/2006	306,541	
Noble UA (Ref.)	ORF-06-0004	03/30/2006	2,540,000.00	
Westville UA	ORF-99-0020	12/23/2005	430,400	
Tonkawa MA (3rd) I-35 Line	ORF-97-0007	09/22/2006	1,070,000.00	
Anadarko PWA	ORF-03-0009	02/20/2007	3,500,000.00	
Morris PWA	ORF-01-0003	08/30/2006	1,650,000.00	
Oologah MA	ORF-03-0006	08/24/2006	530,832.48	
Tulsa MUA	ORF-03-0008	09/14/2006	9,641,599.06	
Vinita UA	ORF-04-0005	11/03/2006	1,182,745.91	
Tulsa MUA	ORF-03-0002	03/08/2007	2,563,816.37	
Tulsa MUA	ORF-04-0002	03/08/2007	9,680,742.41	
Ardmore PWA	ORF-04-0006	12/12/2006	16,782,133.49	
Sand Springs MA	ORF-05-0010	03/05/2007	2,120,824.68	
Stroud UA	ORF-05-0004	04/18/2007	1,693,370.01	
McLoud PWA	ORF-04-0008	06/16/2008	5,315,000.00	
Woodward MA	ORF-07-0001	04/10/2008	1,400,000.00	
Tishomingo MA	ORF-04-0003	09/01/2008	1,114,335.25	
Glencoe PWA	ORF-05-0003	07/25/2008	170,000.00	
Collinsville MA	ORF-06-0009	08/01/2008	1,316,997.75	
El Reno MA	ORF-09-0025	05/13/2010	204,493.29	$63,303.98
Roland UA	ORF-08-0003-CW	11/02/2010	3,824,545.30	$0.00
Lawton WA	ORF-07-0003-CW	08/26/2010	8,004,612.18	$0.00
Bethany PWA	ORF-05-0011-CW	03/28/2011	5,069,197.29	$0.00
Grand Lake PWA	ORF-09-0004-CW	04/21/2011	$992,500.00	$306,483.90
Grove MSA	ORF-07-0008-CW	01/04/2011	$1,900,000.00	$586,719.81
Muskogee MA	ORF-09-0020-CW	04/01/2011	$1,435,000.00	$443,127.86
Sperry USA	ORF-09-0023-CW	01/19/2011	$390,000.00	$120,431.96
Calera PWA (Ref. Exst Debt)	ORF-10-0010-CW	10/19/2010	$4,985,000.00	$0.00
Lawton WA	ORF-04-0012-CW	04/18/2011	$8,500,000.00	$0.00
Ardmore PWA	ORF-09-0018-CW	07/28/2011	$1,055,076.99	$336,591.89
Okmulgee MA	ORF-10-0013-CW	03/06/2012	$616,703.88	$0.00
Beggs PWA	ORF-05-0005-CW	04/17/2012	$4,201,129.05	$0.00
Owasso PWA	ORF-09-0007-CW	01/11/2012	4,307,008.22	$0.00
Ponca City UA	ORF-09-0011-CW	04/17/2012	$567,295.70	$177,559.94
Inola PWA	ORF-06-0011-CW	12/05/2011	2,000,000.00	$0.00
Stroud UA	ORF-10-0015-CW	05/21/2012	$610,163.34	$0.00
Stroud Utilities Authority	ORF-10-0015-CW	05/21/2012	$610,163.34	
Nicoma Park DA	ORF-09-0035-CW	03/22/2012	$124,371.96	$0.00
Walters PWA	ORF-09-0005-CW	11/08/2011	$1,250,809.22	$409,594.35
Piedmont MA	ORF-09-0014-CW	01/12/2012	$2,417,572.23	$776,631.75
Pauls Valley MA	ORF-04-0013-CW	11/08/2011	891,880.24	$0.00
Del City MSA	ORF-09-0022-CW	01/11/2012	$1,188,292.82	$367,471.88
Duncan PUA	ORF-09-0016-CW	04/17/2012	$320,436.46	$320,436.46
Hobart PWA	ORF-07-0007-CW	05/29/2012	$561,449.50	$0.00
Harrah PWA	ORF-08-0008-CW	08/19/2011	$1,930,000.00	$595,983.81
Oklahoma City WUT	ORF-09-0021-CW	05/29/2012	$8,167,735.21	$2,000,000.00
Collinsville MA	ORF-09-0009-CW	01/13/2012	$500,000.00	$169,839.95
Commerce DA	ORF-02-0010-CW	04/17/2012	($40,057.83)	$0.00
TOTAL PROJECTS:			508,061,536.91	$6,813,673.46

Attachment 19. Total Initiation of Operations by Fiscal Year

Fiscal Year	#	$ AMOUNTS	ARRA Portion
1990	0	0.00	0.00
1991	0	0.00	0.00
1992	2	11,400,000.00	0.00
1993	0	0.00	0.00
1994	6	31,495,666.00	0.00
1995	1	9,523,800.00	0.00
1996	7	14,150,000.00	0.00
1997	6	6,902,728.42	0.00
1998	11	44,823,545.81	0.00
1999	9	29,167,177.60	0.00
2000	10	27,047,945.55	0.00
2001	7	27,252,310.82	0.00
2002	12	46,056,026.21	0.00
2003	8	27,639,865.20	0.00
2004	13	56,232,506.90	0.00
2005	2	27,772,410.37	0.00
2006	10	22,076,978.33	0.00
2007	11	50,416,064.41	0.00
2008	2	6,715,000.00	0.00
2009	3	2,601,333.00	0.00
2010	1	204,493.29	0.00
2011	9	35,100,854.77	1,456,763.53
2012	18	31,482,830.23	5,356,909.93
Totals	148	508,061,536.91	6,813,673.46

CW Benefits Summary Loan List for Oklahoma

System Number		Recipient	Tracking Number	Assistance Amount	Initial Agreement
OK	132	Chandler Municipal Authority	ORF-12-0016-CW	1,175,000	4/10/2012
OK	131	Elgin Public Works Authority	ORF-10-0005-CW	3,060,000	10/17/2011
OK	133	Eufaula Public Works Authority	ORF-11-0009-CW	4,035,000	2/13/2012
OK	128	Glenpool Utility Services Authority	ORF-11-0002-CW	3,740,625	9/13/2011
OK	130	Muldrow Public Works Authority	ORF-11-0007-CW	3,705,000	9/13/2011
OK	124	Muskogee Municipal Authority	ORF-11-0008-CW	12,775,000	8/9/2011
OK	125	Nicoma Park Development Authority	ORF-09-0035-CW	125,000	7/12/2011
OK	129	Owasso Public Works Authority	ORF-10-0014-CW	3,115,000	9/13/2011
OK	134	Tulsa Metropolitan Utility Authority (TMUA)	ORF-11-0005-CW	16,700,000	12/13/2011
OK	137	Tulsa Metropolitan Utility Authority (TMUA)	ORF-12-0003-CW	4,347,000	4/10/2012
OK	136	Vian Public Works Authority	ORF-11-0006-CW	1,555,000	2/13/2012
			Total for all 11 Loans	$ 54,332,625	

State of Oklahoma

OWRB

WATER RESOURCES BOARD

the water agency

OKLAHOMA CLEAN WATER STATE REVOLVING FUND LOAN ACCOUNT PROGRAM

ANNUAL FINANCIAL STATEMENTS
AS OF AND FOR THE FISCAL YEARS ENDED JUNE 30, 2012 AND 2011
AND INDEPENDENT AUDITOR'S REPORTS

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Arledge
& Associates, P.C.
CERTIFIED PUBLIC ACCOUNTANTS

INDEPENDENT AUDITOR'S REPORT

To the Members of the
Oklahoma Water Resources Board

We have audited the accompanying statements of net assets of the Oklahoma Water Resources Board/Oklahoma Clean Water State Revolving Fund Loan Account Program (the "Program") as of June 30, 2012 and 2011, and the related statements of revenues, expenses and changes in net assets and cash flows for the years then ended. These financial statements are the responsibility of the Program's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Program as of June 30, 2012 and 2011, and the results of its operations and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

In accordance with *Government Auditing Standards,* we have also issued our report dated September 20, 2012, on our consideration of the Program's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audit.

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Accounting principles generally accepted in the United States of America require that the management's discussion and analysis as listed in the table of contents be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Allredge & Associates, P.C.

Edmond, Oklahoma
September 20, 2012

MANAGEMENT'S DISCUSSION AND ANALYSIS

MANAGEMENT'S DISCUSSION AND ANALYSIS

Our discussion and analysis of the Oklahoma Clean Water State Revolving Loan Fund Account Program's (the "Program") financial performance provides an overview of the Program's financial activities for the fiscal years ended June 30, 2012 and 2011. Please read it in conjunction with the Program's financial statements, which begin on page 10. The Oklahoma Water Resources Board (the "Board") administers the Program.

Program Highlights

- During FY 2012, eleven (11) construction loan commitments totaling approximately $55.19 million were made to protect, maintain and improve waters of the State towards the "fishable/swimmable" goals of the Clean Water Act.

- The Program recognized seven (7) of the eleven (11) projects as incorporating "green" components equaling approximately $2.92 million.

- The Program completed construction during the year on eighteen (18) projects totaling approximately $30.9 million.

- The Program made binding commitments for seven (7) new construction loans, totaling approximately $42.9 million, in wastewater construction for communities discharging to priority stream segments identified as threatened or impaired on the Impaired Waterbodies List (Section 303(d)) of Oklahoma's Integrated Water Quality Assessment Report.

- Nine (9) of eleven (11) projects funded were proposed to assist Oklahoma communities to attain compliance with the enforceable permit requirements of the Clean Water Act in place to protect the water quality of receiving streams and lakes.

Financial Highlights

- The Program experienced an increase in the number of outstanding loans in FY 2012. At June 30, 2012 there were 195 outstanding loans with a principal balance of $396,110,792. At June 30, 2011 the Program had 187 loans with a balance of $328,333,447.

- Ending Program net assets increased from $283,644,523 to $304,828,753 between FY 2011 and FY 2012 of which $42,512,086 is restricted for debt service. Ending Program net assets increased from $257,576,198 to $283,644,523 between FY 2010 and FY 2011 of which $43,065,369 is restricted for debt service.

Using This Annual Report

This annual report is presented in a format that substantially meets the presentation requirements of the Governmental Accounting Standards Board (GASB) in accordance with generally accepted accounting principles. The Program is accounted for and presented similar to a special-purpose government engaged solely in business-type activities.

(Unaudited. See accompanying auditor's report.)

The financial statements for the Program are presented after the Management's Discussion and Analysis in this annual report and then followed by the footnotes in this order:

- Management's Discussion and Analysis – that provides useful analysis that facilitates a better understanding of the Program's financial condition and changes therein.

- Basic Financial Statements
  - Statements of Net Assets
  - Statements of Revenues, Expenses and Changes in Net Assets
  - Statements of Cash Flows

- Footnotes - that elaborate on the accounting principles used in the preparation of the financial statements and further explain financial statement elements.

A Financial Analysis of the Program

One of the most frequently asked questions about the Program's finances is, "Has the overall financial condition improved, declined or remained steady over the past year?" The Statement of Net Assets and the Statement of Revenues, Expenses, and Changes in Net Activities report information about the Program as a whole and about its activities in a way that helps answer this question. The following tables present a condensed comparative presentation of net assets and changes therein.

Oklahoma Water Resources Board
CWSRF Loan Account Program
Net Assets

	Business-Type Activities		
	June 30		
	2012	2011	2010
Current assets	$ 66,730,105	$ 120,181,477	$ 70,276,905
Non-current assets	423,180,343	359,698,637	294,297,835
Total assets	489,910,448	479,880,114	364,574,740
Current liabilities	12,798,125	12,414,539	6,853,439
Non-current liabilities	172,283,570	183,821,052	100,145,103
Total liabilities	185,081,695	196,235,591	106,998,542
Net assets			
Restricted	42,512,086	43,065,369	45,627,620
Unrestricted	262,316,667	240,579,154	211,948,578
Total net assets	$ 304,828,753	$ 283,644,523	$ 257,576,198

With the addition of new loans, as discussed on page 6, our loans receivable amount increased as would be expected. The increase in non-current liabilities in fiscal year 2011 is directly attributable to the issuance of $85,000,000 in revenue bonds. The decrease in non-current liabilities in fiscal year 2012 is directly attributable to the payment of long-term debt.

(Unaudited. See accompanying auditor's report.)

Oklahoma Water Resources Board
CWSRF Loan Account Program
Revenues, Expenses, and Changes in Net Assets

	Business-Type Activities		
	Years Ended June 30,		
	2012	2011	2010
Revenues			
Loan program income, net	$ 7,728,248	$ 5,900,679	$ 4,585,504
Federal grants	-	273,022	993,462
Investment interest income	4,264,024	2,717,568	4,567,736
Total revenues	11,992,272	8,891,269	10,146,702
Expenses			
Trustee fees	23,434	15,955	13,691
Administration expenses	32,993	846,532	510,922
Interest expense	7,724,254	5,162,409	4,644,130
Amortization of debt issuance cost	61,868	37,523	30,906
Total expenses	7,842,549	6,062,419	5,199,649
Net Income before transfers	4,149,723	2,828,850	4,947,053
Federal grants	25,145,121	29,661,879	20,918,490
Federal grant principal forgiveness	(5,160,884)	(6,435,220)	(19,768,625)
Transfers from other programs	50,270	12,816	29,407
Transfers to other programs	(3,000,000)	-	(8,679,660)
Increase (decrease) in net assets	21,184,230	26,068,325	(2,553,335)
Total net assets - beginning	283,644,523	257,576,198	260,129,533
Total net assets - ending	$ 304,828,753	$ 283,644,523	$ 257,576,198

The decrease in Federal Grant Revenue in 2012 is attributable to the ending of grant funds related to the American Reinvestment Recovery Act. The Program received funds to provide for additional subsidization to Oklahoma Borrowers for projects which met the intent of the Act. OWRB provided $5,160,884 in principal forgiveness to Borrowers in FY 12 compared to $6,337,720 in FY 11. In FY 12 OWRB received no administrative fee compared to $273,022 in FY 11 related to the program. In addition, the Program received $19,984,237 in net Federal Capitalization Grants in FY 2012 compared to $23,324,159 in FY 2011.

(Unaudited. See accompanying auditor's report.)

The OWRB is authorized by the EPA to transfer up to 33% of the Drinking Water Federal Capitalization Grants from the Fund. During 2012, management elected to transfer $3,000,000 to the Drinking Water State Revolving Fund Loan program, but did not elect this option in 2011. These transfers are included in Transfers to other programs.

Long- Term Debt

At year-end, the Program had $169,720,000 in long-term debt outstanding, net of unamortized premium, which represents a $10,075,000 or 5.6% decrease from June 30, 2011 to June 30, 2012. Debt increased $79,360,000, or 179%, from 2010 to 2011. The Program's changes in long-term debt by type of debt are as follows:

	2012	2011	2010
Beginning balances:			
2004 Serial bonds due April 1, 2013 to April 1, 2026, interest at 3.50% to 5.25%	$ 94,795,000	$ 100,435,000	$ 105,900,000
2011 Serial bonds due April 1, 2013 to April 1, 2031, interest at 3.0% to 5.0%	85,000,000	85,000,000	$ -
Unamortized premium	14,101,052	14,518,095	5,669,186
	$ 193,896,052	$ 199,953,095	$ 111,569,186
Less: debt principal repayments	(10,075,000)	(5,640,000)	(5,465,000)
Less: current amortization of premium	(777,482)	(417,043)	(319,083)
Ending balances	$ 183,043,570	$ 193,896,052	$ 105,785,103
Amounts due in one year	10,760,000	10,075,000	5,640,000

See Note 6 to the financial statements for more detailed information on the Program's long-term debt and changes therein.

Economic Factors and Next Year's Outlook

As a result of the widespread need for wastewater financing and efforts by the OWRB to implement a "lower than market rate" loan program, we continue to receive an overwhelming response from communities across the state requesting their projects be added to the five-year CWSRF Project Priority List. To date, communities have made requests for twelve (12) construction and refinancing projects in FY 2013 totaling over $122.77 million. An additional $144.36 million in projects has been requested through 2017.

Contacting the Program's Financial Management

This financial report is designed to provide the Board's accountability of the Program. If you have questions about this report or need additional financial information, contact the Financial Assistance Division of the Oklahoma Water Resources Board at 3800 N. Classen Blvd, Oklahoma City, OK 73118.

(Unaudited. See accompanying auditor's report.)

BASIC FINANCIAL STATEMENTS

Statements of Net Assets – June 30, 2012 and 2011

	2012	2011
ASSETS:		
Current Assets:		
Cash and cash equivalents	$28,325,238	$32,303,230
Investments	11,370,758	64,654,822
Loans receivable	23,989,260	20,650,120
Due from other programs	266,837	266,837
Interest receivable:		
Loans receivable	2,507,564	2,008,757
Other interest receivable	270,448	297,711
Total current assets	66,730,105	120,181,477
Noncurrent Assets:		
Loans receivable, net of current portion and allowance for uncollectible loans of $319,726 in 2012 and $57,794 in 2011	372,121,532	307,683,327
Restricted Investments	42,512,086	43,065,369
Investments	7,508,670	7,850,018
Debt issuance cost, net of accumulated amortization of $274,836 and $212,968 in 2012 and 2011, respectively.	1,038,055	1,099,923
Total noncurrent assets	423,180,343	359,698,637
Total assets	489,910,448	479,880,114
LIABILITIES:		
Current Liabilities:		
Accrued interest payable	2,028,675	1,949,264
Current maturities of long-term debt	10,760,000	10,075,000
Other accrued liabilities	5,731	81,936
Due to other programs	3,719	308,339
Total current liabilities	12,798,125	12,414,539
Noncurrent liabilities:		
Long-term debt, less current maturities and plus unamortized premium	172,283,570	183,821,052
Total noncurrent liabilities	172,283,570	183,821,052
Total liabilities	185,081,695	196,235,591
NET ASSETS:		
Restricted for debt service	42,512,086	43,065,369
Unrestricted	262,316,667	240,579,154
Total net assets	$304,828,753	$283,644,523

See accompanying notes to the basic financial statements.

Statements of Revenues, Expenses and Changes in Net Assets – Years Ended June 30, 2012 and 2011

	2012	2011
OPERATING REVENUES:		
Loan program income (net of bad debt expense of $261,932 in 2012 and bad debt recovery of $2,959 in 2011)	$7,728,248	$5,900,679
ARRA administration revenue	-	273,022
Total operating revenues	7,728,248	6,173,701
OPERATING EXPENSES:		
Trustee fees	23,434	15,955
Administration expenses	32,993	846,532
Interest expense	7,724,254	5,162,409
Amortization of debt issuance cost	61,868	37,523
Total operating expenses	7,842,549	6,062,419
OPERATING INCOME (LOSS)	(114,301)	111,282
NON-OPERATING REVENUES (EXPENSES):		
Federal grants and contracts	25,145,121	29,661,879
Federal grant principal forgiveness	(5,160,884)	(6,435,220)
Interest Income:		
Invested cash balances	853,090	657,209
Short-term investments	159,455	25,684
Long-term investments	2,209,109	2,528,481
Gain/(Loss) on Investments	1,042,370	(493,806)
Total non-operating revenues	24,248,261	25,944,227
Net income before transfers	24,133,960	26,055,509
Transfers in - Clean Water Revolving Fund Loan Administrative Fund	50,270	12,816
Transfers out - Drinking Fund Revolving Fund Loan Program	(3,000,000)	-
Change in net assets	21,184,230	26,068,325
Total net assets - beginning	283,644,523	257,576,198
Total net assets - ending	$304,828,753	$283,644,523

See accompanying notes to the basic financial statements.

Statements of Cash Flows – Years Ended June 30, 2012 and 2011

	2012	2011
CASH FLOWS FROM OPERATING ACTIVITIES		
Collections of interest on loans to local governmental units	$6,967,509	$5,354,928
Federal grant income	-	273,022
Payments to other suppliers	(132,632)	(783,927)
Payments to other programs	-	308,339
Payments from other programs	(304,620)	260,307
Interest paid on debt	(8,422,325)	(4,840,250)
Net Cash Provided by (Used in) Operating Activities	(1,892,068)	572,419
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES		
Transfers in - Clean Water Revolving Fund Loan Administrative Fund	50,270	12,816
Transfers out - Drinking Fund Revolving Fund Loan Program	(3,000,000)	-
Federal grant receipts	25,145,121	23,226,659
Bond issue proceeds	-	85,000,000
Bond issue cost	-	(619,235)
Premium on bonds issued	-	9,167,991
Principal paid on bonds/notes	(10,075,000)	(5,640,000)
Net Cash Provided by Noncapital Financing Activities	12,120,391	111,148,231
CASH FLOWS FROM INVESTING ACTIVITIES		
Loans to local governmental units	(94,575,809)	(107,296,664)
Collections of principal on loans to local governmental units	21,375,648	18,228,983
Collections of principal on loans to local governmental units from federal grant proceeds	5,160,884	6,435,220
Interest on invested cash balances	865,960	709,562
Interest on short-term investments	159,907	25,266
Interest on long-term investments	3,265,419	2,065,666
Purchase (sale) of long-term investments	894,631	15,345,560
Sale (purchase) of short-term investments	48,647,045	(52,836,490)
Net Cash Provided by (Used in) Investing Activities	(14,206,315)	(117,322,897)
Net Increase (Decrease) in Cash and Cash Equivalents	(3,977,992)	(5,602,247)
Balances - beginning of the year	32,303,230	37,905,477
Balances - end of the year	$28,325,238	$32,303,230
Reconciliation of operating income to net cash provided by operating activities:		
Operating income (loss)	($114,301)	$111,282
Adjustments to reconcile operating income to net cash provided (used) by operating activities.		
Amortization of debt issuance costs and note issuance discounts (premiums)	(715,614)	(379,519)
Allowance for uncollectible loans	(261,932)	(2,959)
Change in assets and liabilities:		
Decrease (Increase) in due from other programs	-	260,307
Decrease (Increase) in interest receivable	(498,807)	(542,792)
Increase (Decrease) in other current liabilities	(76,205)	78,560
Increase (Decrease) in accrued interest payable	79,411	739,201
Increase (Decrease) in due to other funds	(304,620)	308,339
Net Cash Provided by (Used in) Operating Activities	($1,892,068)	$572,419

See accompanying notes to the basic financial statements.

Footnotes to the Basic Financial Statements:

1. Summary of Significant Accounting Policies

Reporting Entity

The Oklahoma Water Resources Board/Oklahoma Wastewater Facility Construction Revolving Loan Account Program (the "Program") was created pursuant to the 1987 Amendments (P.L. 100-4) to the "Clean Water Act" (P.L. 92-500) to provide a perpetual fund for financing the construction of wastewater treatment facilities for municipalities and other public entities. The Program funds loans with Federal grants, State matching funds, principal repayments, bond proceeds, and interest received on loans and invested cash balances. State matching funds are provided through State appropriations or through the issuance of notes payable.

Administrative costs of the Oklahoma Water Resources Board ("OWRB") allocated to the Program may be reimbursed by the Program, limited to 4% of total cumulative Federal contributions or through fees assessed to each participating borrower at the rate of one-half of one percent per annum of the amount of each borrower's loan balance outstanding, and loan application fees. The fees paid by the participating borrowers are remitted directly to OWRB and, therefore, are not included in the accompanying financial statements.

The significant accounting principles and practices followed by the Program are presented below:

Basis of Accounting and Measurement Focus

The Program is accounted for and presented similar to a special-purpose government engaged solely in business type activities.

The Program uses the accrual basis of accounting whereby expenses are recognized when the liability is incurred and revenues are recognized when earned.

The Program uses the economic resources measurement focus where all assets, liabilities, net assets, revenues, expenses and transfers relating to the Program and net income and capital maintenance are measured.

The accompanying financial statements have been prepared in conformity with generally accepted accounting principles as prescribed by the Governmental Accounting Standards Board ("GASB"). Under the guidelines of GASB Statement 20, the Program has elected not to apply Financial Accounting Standards Board Statements and Interpretations issued after November 30, 1989.

1. Summary of Significant Accounting Policies (cont'd)

Loans Receivable and Allowance for Uncollectible Loans

Loans receivable are stated at the amount of unpaid principal reduced by an allowance for uncollectible loans. The allowance for uncollectible loans is established through a provision for bad debts that is charged to expense. Loans receivable are charged against the allowance for uncollectible loans when management believes that the collectability of the principal is unlikely. The allowance is an amount that management believes will be adequate to absorb possible losses on existing loans receivable that may become uncollectible, based on evaluations of the collectability of loans receivable. The evaluations take into consideration such factors as the borrowers' debt coverage ratio, review of specific problem loans receivable and current economic conditions that may affect the borrowers' ability to pay. Accrual of interest is discontinued on a loan receivable when management believes, after considering economic and business conditions and collection efforts, that the borrower's financial condition is such that collection of interest is doubtful.

Federal Letter of Credit Payments Receivable

Funding from Federal grants, which have been approved, is provided through a Federal letter of credit. Timing of deposits is specified by the terms of the grant. The Program draws on the available funds as necessary to fund loans. Letter of Credit Payment Receivables are recorded only when the required State match has been met and actual requests for loan draws have been received by the Program. When these events have occurred, the Program records the receivable and federal revenue for the amount of the loan request.

Federal Grant Income

Federal grant income represents contributions from the Environmental Protection Agency ("EPA") of the U.S. Federal Government. In the unlikely circumstance of termination of the Program, all Federal and State contributions are refundable to the respective governments upon liquidation of the Program's assets.

During FY 2012 and 2011, the program received federal grant income under the American Recovery and Reinvestment Act. Proceeds under this program were used to forgive principal for Borrowers meeting the requirements of the Act. For FY 2012 and 2011, $1,897,545 and $6,337,720, respectively, was provided for principal forgiveness under the program.

Debt Issuance Costs

Debt issuance costs are included in other non-current assets and are amortized using the straight-line method over the life of the Program bonds payable, which is 23 years for the 2004 bonds and 21 years for the 2011 bonds.

1. Summary of Significant Accounting Policies (cont'd)

Bond Issue Premium

The Program's State Revolving Fund Revenue Bonds, Series 2004 were initially sold at a premium of $7,161,445. The bond premium is being amortized over the remaining life of the bonds. Net amortization expense of $319,082 was recorded in 2012 and 2011 and is included in interest expense in the accompanying statements of revenues, expenses, and changes in net assets.

The Program's State Revolving Fund Revenue Bonds, Series 2011 were initially sold at a premium of $9,167,991. The bond premium is being amortized over the remaining life of the bonds. Net amortization expense of $458,400 and $97,959 was recorded in 2012 and 2011 and is included in interest expense in the accompanying statements of revenues, expenses, and changes in net assets.

Cash and Cash Equivalents

The Program considers all highly liquid debt instruments purchased with an original maturity of three months or less and money market funds to be cash equivalents.

Investments

Included in the total is $42,512,086, which has been deposited into a Debt Service Reserve fund, pursuant to the bond indenture (See Note 5).

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

2. Cash Deposits and Investment Risk

Cash of $28,322,000 and $32,302,823 at June 30, 2012 and 2011 respectively, was on deposit in the State Treasurer's office's internal investment pool – *OK Invest*. In addition to the $28,322,000 and $32,302,823, there is a cash balance of $3,238 and $407 on deposit with BancFirst at the end of June 30, 2012 and 2011. Short-term investments of $11,370,758 and $59,704,341 at June 30, 2012 and 2011, respectively, were on deposit with the Program's trustee. The deposits are invested in the *Federated Treasury Obligations* mutual fund.

Investment Interest Rate Risk – the Program does not have a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates as it relates to funds not directly associated with bond issue proceeds.

2. Cash Deposits and Investment Risk (cont'd)

Investment Credit Risk-Non Debt Proceeds – for non-debt proceeds, the Program has no investment policy that limits its investment choices other than the limitation of state law imposed on the State Treasurer as follows:

a. U.S. Treasury Bills, Notes and Bonds and U.S. Government Agency Securities with certain ratings and maturity limitations.
b. Collateralized or insured certificates of deposit and other evidences of deposit issued by a bank, savings bank, savings and loan association or credit union located in the state.
c. With certain ratings and maturity limitations, negotiable certificates of deposit, bankers acceptances and commercial paper.
d. Obligations of state and local governments, including obligations of Oklahoma state public trusts, with certain ratings and maturity limitations.
e. Collateralized repurchase agreements tri-party repurchase agreements.
f. Money market mutual funds and short term bond funds regulated by the SEC and in which investments consist of obligations of the U.S. Government and its agencies and instrumentalities and repurchase agreements collateralized by obligations of the U.S. Government and its agencies and instrumentalities.

The State Treasurer has determined that current holdings in OK Invest should be limited to obligations of the United States government, its agencies and instrumentalities, tri-party repurchase agreements collateralized at 102% with the collateral held by a third party in the name of the Oklahoma State Treasurer and money market mutual funds which either directly or indirectly invest in U.S. Treasury and/or Agency securities and repurchase agreements related to such securities. OK Invest is not insured or guaranteed by the State of Oklahoma, the Federal Deposit Insurance Corporation or any other government agency.

Investment Credit Risk - Debt Proceeds – for debt proceeds, the bond indenture provides for restrictions on the investment choices of the Program as follows:

a. Obligations of the United States Government, its agencies and instrumentalities.
b. Collateralized or insured certificates of deposit and other evidences of deposit at banks, savings banks, savings and loan associations or credit unions located in the State of Oklahoma.
c. Money market funds regulated by the Securities and Exchange Commission and which investments consist of those items specified in (a) and (b) above.
d. Investment agreements with entities maintaining a rating in the top two categories by a nationally recognized municipal bond rating agency.

2. Cash Deposits and Investment Risk (cont'd)

At June 30, 2012 and 2011, the Program's investments in obligations not directly guaranteed by the U.S. Government and investments in money market mutual funds were rated as follows:

Type	Maturities	Credit Rating	Carrying Value 2012	Carrying Value 2011
OK Invest (State Treasurer)	Less than 2 years	Not rated.	$ 28,322,000	$ 32,302,416
Federated Treasury Obligations Fund	16 days	AAAm	11,370,758	59,704,341
City of Lawton Municipal Bond	10/1/2028	Not rated.	7,508,670	7,306,300
Reserve Fund	4/1/2027	AAAm	40,403,171	43,065,369
Revenue Fund	4/1/2027	AAAm	2,108,915	5,494,606
Total			$ 89,713,514	$ 147,873,032

Concentration of Investment Credit Risk – neither the Program nor the bond indenture place any limit on the amount the Program may invest in any one issuer. The Program has the following concentration of credit risk at June 30, 2012: 47.39% or $42,512,086 is invested in a guaranteed investment agreement with Transamerica Occidental Life Insurance Company, 12.67% or $11,370,758 is invested in Federated Treasury money market funds, and 31.57% or $28,322,000 is invested in OK Invest.

At June 30, 2011, the Program has the following concentration of credit risk at June 30, 2011: 32.8% or $48,559,975 is invested in a guaranteed investment agreement with Transamerica Occidental Life Insurance Company, 40.4% or $59,704,341 is invested in Federated Treasury money market funds, and 21.8% or $32,302,823 is invested in OK Invest.

3. Federal Letter of Credit Payments Receivable

A schedule of activity in the Federal letter of credit payments receivable account, as reflected in the accompanying statements of net assets, for the years ended June 30, 2012 and 2011, is as follows:

3. Federal Letter of Credit Payments Receivable (cont'd)

Balance, June 30, 2010	-
Federal revenue recognized	29,934,901
Federal funds withdrawn	(29,934,901)
Balance, June 30, 2011	$ -
Federal revenue recognized	25,145,121
Federal funds withdrawn	(25,145,121)
Balance, June 30, 2012	$ -

Of the Federal letter of credit payments withdrawn during the fiscal year ended June 30, 2012, $19,984,237 was used to provide loans to borrowers, $5,160,884 was used for debt forgiveness and no funds were used for administrative expenses. During FY-2012 $80,573 of the 4% administration fee available to the Program was used to pay for administration costs of the Program. As of June 30, 2012, the Program has EPA grant funding available for its use totaling $2,601,727.

Of the Federal letter of credit payments withdrawn during the fiscal year ended June 30, 2011, $23,226,659 was used to provide loans to borrowers, $6,435,220 was used for debt forgiveness and $273,022 was used for administrative expenses. During FY-2011 $236,939 of the 4% administration fee available to the Program was used to pay for administration costs of the Program. As of June 30, 2011, the Program has EPA grant funding available for its use totaling $15,816,747.

4. Loans Receivable

The Program originates direct loans with communities utilizing several sources of funds including existing loan principal repayments, interest earnings, federal grants and bond funds. These loans are collateralized by various revenue sources including, but not limited to, user charges and sales taxes of the borrowers. These loans are made at 60% of the current market interest rate. At June 30, 2012 and 2011, there were $354,547,841 and $281,250,433, respectively, in loans outstanding. As of June 30, 2012, the Program had unexpended commitments to borrowers for additional loan funds in the amount of $111,356,582.

Prior to FY-2007, the Board originated interim construction loans that would upon completion provide the borrowers the opportunity to refinance 40% of their outstanding interim loan balance on a long-term basis without interest. Such loans were collateralized by various revenue sources including, but not limited to, user charges and sales taxes of the borrowers. To avail themselves of this opportunity, the borrowers obtained funding for the remaining 60% of the outstanding loan from sources outside the Program. This is no longer an option for the Program. At June 30, 2012 and 2011, there were $41,562,951 and $47,083,014, respectively, in long-term interest-free loans outstanding.

4. Loans Receivable (cont'd)

A schedule of activity of loans receivable for the years ended June 30, 2012 and 2011, is as follows:

Net Balance, June 30, 2010	$	245,698,027
Loan disbursements		107,296,664
Principal repayments		(24,664,203)
		328,330,488
Change in allowance for uncollectible loans		2,959
Net Balance, June 30, 2011	$	328,333,447
Loan disbursements		94,575,809
Principal repayments		(26,536,532)
		396,372,724
Change in allowance for uncollectible loans		(261,932)
Net Balance, June 30, 2012	$	396,110,792

5. Restricted Investments

A description of the restricted investments held at June 30, 2012 and 2011, is as follows:

	2012	2011
Guaranteed investment with Transamerica Occidental Life Insurance Co. pursuant to an investment agreement, 4.61% maturing April 1, 2027 (restricted for debt service)	42,512,086	43,065,369
Total restricted investments	$ 42,512,086	$ 43,065,369

The agreement with Transamerica Occidental Life Insurance Co./Transamerica Life Insurance and Annuity Co. ("Transamerica"), are uninsured and non-collateralized so long as Transamerica maintains certain specified credit ratings. If these credit ratings are not maintained, Transamerica is required to collateralize the investment agreement sufficient to maintain an S & P or Moody's rating of "AA-" or "Aa3", respectively, on the contract. The S & P credit rating for Transamerica at June 30, 2012 was AA-. The investment is carried at cost, which approximates fair value.

6. Long-Term Debt

Bonds Payable

On October 26, 2004, the Program issued State Revolving Fund Revenue Bonds, Series 2004 in the amount of $121,075,000. These bonds were issued to provide low interest cost financing for Oklahoma Local governmental entities for acquiring, constructing, or improving their wastewater treatment systems and to enable the Program to meet the State matching requirements in order to obtain Federal grants. The bonds represent a portion of the overall $204,480,000 Revolving Fund Revenue Bonds, Series 2004 (Master Trust) issued by the Oklahoma Water Resources Board. The balance of the bonds and related debt issue costs, bond premium, etc. were allocated proportionately to the Drinking Water State Revolving Fund Loan Program for similar purposes related to its drinking water treatment facilities projects.

On April 13, 2011, the Program issued State Revolving Fund Revenue Bonds, Series 2011A in the amount of $85,000,000. These bonds were issued to provide low interest cost financing for Oklahoma Local governmental entities for acquiring, constructing, or improving their wastewater treatment systems and to enable the Program to meet the State matching requirements in order to obtain Federal grants.

Future debt service payments required by the Program's outstanding bonds as of June 30, 2012 are as follows:

Fiscal Year	Principal	Interest	Total
2013	$10,760,000	$8,114,700	$18,874,700
2014	11,115,000	7,684,976	18,799,976
2015	11,625,000	7,182,088	18,807,088
2016	12,025,000	6,601,937	18,626,937
2017	12,520,000	6,053,378	18,573,378
2018-2022	57,370,000	21,206,028	78,576,028
2023-2027	43,025,000	8,536,101	51,561,101
2028-2031	11,280,000	1,251,000	12,531,000
Total	$169,720,000	$66,630,208	$236,350,208

In addition to their normal scheduled maturity dates as shown above, the bonds may also be redeemed at the option of the Board, in whole or in part, at such dates and for such prices, plus accrued interest as are set forth in the bond indenture.

In order for the interest on the Program's Series 2004 and 2011 bonds to be tax-exempt, the Board must comply with certain provisions of the Internal Revenue Code, as amended. One provision requires that the arbitrage earnings (defined as the excess of the amount earned on all nonpurpose investments over the amount which would have been earned if the nonpurpose investments were invested at a rate equal to the bond yield) be rebated to the Internal Revenue Service. This rebate is payable at the end of each five years during the term of the issue. Management of the Program believes that any arbitrage liability, which exists at June 30, 2012, is immaterial.

6. Long-Term Debt (cont'd)

Pursuant to the 2004 Master Trust Agreement, the Clean Water State Revolving Fund Loan Program bonds share in an aggregate debt service reserve with the Drinking Water State Revolving Fund Loan Program bonds. At June 30, 2012, the aggregate debt service reserves totaled $67,675,687 of which $40,403,171 is reflected in the accompanying statements of net assets.

Long-term debt outstanding at June 30, 2012 and 2011 are as follows:

	2012	2011
Beginning balances:		
2004 Serial bonds due April 1, 2013 to April 1, 2026, interest at 3.50% to 5.25%	$ 94,795,000	$ 100,435,000
2011 Serial bonds due April 1, 2013 to April 1, 2031, interest at 3.0% to 5.0%	85,000,000	85,000,000
Unamortized premium	14,101,052	14,518,095
	$ 193,896,052	$ 199,953,095
Less: debt principal repayments	(10,075,000)	(5,640,000)
Less: current amortization of premium	(777,482)	(417,043)
Ending balances	$ 183,043,570	$ 193,896,052
Amounts due in one year	10,760,000	10,075,000

7. Binding Commitments

During the year ended June 30, 2012, the OWRB voted to approve funding of various borrower loan applications through the Program. These binding commitments will be funded by the Program provided that a loan agreement and promissory note are executed within one year from the date of original approval unless an extension is granted by the OWRB. Loan applications approved by the OWRB for which a loan agreement and promissory note have not been executed totaled $5,795,000 at June 30, 2012.

8. Reclassifications

Certain prior year amounts have been reclassified for comparative purposes to conform to the current year presentation. Loans Receivable previously reported as "Small Community" and "Long-term" loans receivable in the statement of net assets have been combined and are now presented as "Loans Receivable" and "Loans Receivable, net of current portion and allowance for uncollectible loans".

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA CLEAN WATER
STATE REVOLVING FUND
LOAN ACCOUNT PROGRAM

SINGLE AUDIT REPORTS
AND SUPPLEMENTARY SCHEDULES

JUNE 30, 2012

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA CLEAN WATER STATE REVOLVING FUND LOAN ACCOUNT PROGRAM

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CERTIFIED PUBLIC ACCOUNTANTS

REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

To the Members of the
Oklahoma Water Resources Board
Oklahoma Clean Water State Revolving Fund Loan Account Program

We have audited the financial statements of The Oklahoma Water Resources Board/Oklahoma Clean Water State Revolving Fund Loan Account Program (the "Program") as of and for the year ended June 30, 2012, and have issued our report thereon dated September 20, 2012. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States.

Internal Control Over Financial Reporting

Management of the Program is responsible for establishing and maintaining effective internal control over financial reporting. In planning and performing our audit, we considered the Program's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Program's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the Program's internal control over financial reporting.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the Program's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Program's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards.*

This report is intended solely for the information and use of the audit committee, management, and the members of the Oklahoma Water Resources Board, and federal awarding agencies and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

Allen & Associates, P.C.

Edmond, Oklahoma
September 20, 2012

Arledge
& Associates, P.C.
CERTIFIED PUBLIC ACCOUNTANTS

REPORT ON COMPLIANCE WITH REQUIREMENTS THAT COULD HAVE A DIRECT AND MATERIAL EFFECT ON EACH MAJOR PROGRAM AND ON INTERNAL CONTROL OVER COMPLIANCE IN ACCORDANCE WITH OMB CIRCULAR A-133

To the Members of the
Oklahoma Water Resources Board
Oklahoma Clean Water State Revolving Fund Loan Account Program

Compliance

We have audited the Oklahoma Water Resources Board/Oklahoma Clean Water State Revolving Fund Loan Account Program's (the "Program") compliance with the types of compliance requirements described in the *OMB Circular A-133 Compliance Supplement* that could have a direct and material effect on the Program's major federal program for the year ended June 30, 2012. The Program's major federal program is identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts and grants applicable to its major federal program is the responsibility of the Program's management. Our responsibility is to express an opinion on the Program's compliance based on our audit.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the Program's compliance with those requirements and performing such other procedures, as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination on the Program's compliance with those requirements.

In our opinion, the Program complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on its major federal program for the year ended June 30, 2012.

Internal Control Over Compliance

Management of the Program is responsible for establishing and maintaining effective internal control over compliance with the requirements of laws, regulations, contracts and grants applicable to federal programs. In planning and performing our audit, we considered the Program's internal control over compliance with the requirements that could have a direct and material effect on a major federal program in order to determine our auditing procedures for the purpose of expressing our opinion on compliance and to test and report on internal control over compliance in accordance with OMB Circular A-133, but not for the purpose of expressing an opinion on the effectiveness of internal control over

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compliance. Accordingly, we do not express an opinion on the effectiveness of the Program's internal control over compliance.

A *deficiency in internal control over compliance* exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A *material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above.

Schedule of Expenditures of Federal Awards

We have audited the financial statements of the Program, as of and for the year ended June 30, 2012, and have issued our report thereon September 20, 2012 which contained an unqualified opinion on those financial statements. Our audit was performed for the purpose of forming an opinion on the financial statements as a whole. The schedule of expenditures of federal awards is presented for purposes of additional analysis as required by U.S. Office of Management and Budget Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations,* and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.

This report is intended solely for the information and use of the audit committee, management, the members of the Oklahoma Water Resources Board, and federal awarding agencies and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

Arledge & Associates, P.C.

Edmond, Oklahoma
September 20, 2012

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA CLEAN WATER STATE REVOLVING FUND LOAN ACCOUNT PROGRAM

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Year Ended June 30, 2012

Federal Grantor/Program Title	Federal CFDA Number	Total Expenditures	Operating Expenditures	Loans Funded Subaward Amount	Loan Forgiveness Subaward Amount
Environmental Protection Agency					
Capitalization Grants for Clean Water State Revolving Funds	66.458	$ 23,247,576	-	19,984,237	3,263,339
ARRA Capitalization Grants for Clean Water State Revolving Funds	66.458	$ 1,897,545	-	-	1,897,545
Total Federal Expenditures		$ 25,145,121	-	19,984,237	5,160,884

NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accompanying Schedule of Expenditures of Federal Awards includes the federal grant activity of the Oklahoma Clean Water State Revolving Fund Loan Account Program and is presented on the accrual basis of accounting. The information in these schedules is presented in accordance with the requirements of OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations.*

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA CLEAN WATER STATE REVOLVING FUND LOAN ACCOUNT PROGRAM

SCHEDULE OF FINDINGS AND QUESTIONED COSTS
Year Ended June 30, 2012

SECTION I – SUMMARY OF AUDITOR'S RESULTS

Financial Statements

Type of auditor's report issued: Unqualified

Internal control over financial reporting:
Material weakness(es) identified? _____ yes X no
Significant deficiency(ies) identified
not considered to be material weakness(es)? _____ yes X none reported

Noncompliance material to financial statements noted? _____ yes X no

Federal Awards

Internal control over major programs:
Material weakness(es) identified? _____ yes X no
Significant deficiency(ies) identified
not considered to be material weakness(es)? _____ yes X none reported

Type of auditor's report issued on compliance
for major programs: Unqualified

Any audit findings disclosed that are required
to be reported in accordance with
Circular A-133, Section .510(a)? _____ yes X no

Identification of major programs:

CFDA Number(s)	Name of Federal Program or Cluster
66.458	ARRA Capitalization Grants for Clean Water State Revolving Funds
66.458	Capitalization Grants for Clean Water State Revolving Funds

Dollar threshold used to distinguish
between Type A and Type B programs: $ 754,354

Auditee qualified as low-risk auditee? X yes _____ no

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA CLEAN WATER STATE REVOLVING FUND LOAN ACCOUNT PROGRAM

SCHEDULE OF FINDINGS AND QUESTIONED COSTS
Year Ended June 30, 2012

SECTION II – FINANCIAL STATEMENT FINDINGS

Compliance Findings

There are no findings requiring reporting under this section.

Internal Control Findings

There are no findings requiring reporting under this section.

SECTION III – FEDERAL AWARDS FINDINGS AND QUESTIONED COSTS

Compliance Findings

There are no findings requiring reporting under this section.

Internal Control Findings

There are no findings requiring reporting under this section.

State of Oklahoma

OWRB

WATER RESOURCES BOARD

the water agency

OKLAHOMA CLEAN WATER STATE REVOLVING FUND LOAN ACCOUNT ADMINISTRATIVE FUND

ANNUAL FINANCIAL STATEMENTS
AS OF AND FOR THE FISCAL YEARS ENDED JUNE 30, 2012 AND 2011
AND INDEPENDENT AUDITOR'S REPORTS

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Independent Auditor's Report on Internal Control and Compliance

Arledge
& Associates, P.C.
CERTIFIED PUBLIC ACCOUNTANTS

INDEPENDENT AUDITOR'S REPORT

To the Members of the
Oklahoma Water Resources Board

We have audited the accompanying statements of net assets of the Oklahoma Water Resources Board/Oklahoma Clean Water State Revolving Fund Loan Account Administrative Fund (the "Fund") as of June 30, 2012 and 2011, and the related statements of revenues, expenses and changes in net assets and cash flows for the years then ended. These financial statements are the responsibility of the Fund's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Fund as of June 30, 2012 and 2011, and the results of its operations and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

In accordance with *Government Auditing Standards,* we have also issued our report dated September 20, 2012, on our consideration of the Fund's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audit.

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Accounting principles generally accepted in the United States of America require that the management's discussion and analysis as listed in the table of contents be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Arledge & Associates, P.C.

Edmond, Oklahoma
September 20, 2012

MANAGEMENT'S DISCUSSION AND ANALYSIS

MANAGEMENT'S DISCUSSION AND ANALYSIS

Our discussion and analysis of the Oklahoma Clean Water State Revolving Fund Loan Account Administrative Fund's (the "Fund") financial performance provides an overview of the Fund's financial activities for the fiscal year ended June 30, 2012. Please read it in conjunction with the Fund's financial statements, which begin on page 10. The Oklahoma Water Resources Board (the "Board") administers the Fund in conjunction with the Oklahoma Clean Water State Revolving Fund Loan Account Program (the "Program").

Financial Highlights

- The Fund's net assets increased 15.9% from FY 2011 to FY 2012. Ending net assets increased from $1,320,610 to $1,529,916 from 2011 to 2012.

- The Fund's net assets increased 35.3% from FY 2010 to FY 2011. Ending net assets increased from $976,697 to $1,320,610 from 2010 to 2011.

Using This Annual Report

This annual report is presented in a format that substantially meets the presentation requirements of the Governmental Accounting Standards Board (GASB) in accordance with generally accepted accounting principles. The Fund is accounted for and presented similar to a special-purpose government engaged solely in business-type activities.

The financial statements for the Fund are presented after the Management's Discussion and Analysis in this annual report and then followed by the footnotes in this order:

- Management's Discussion and Analysis – that provides useful analysis that facilitates a better understanding of the Fund's financial condition and changes therein.

- Basic Financial Statements
    - Statements of Net Assets
    - Statements of Revenues, Expenses and Changes in Net Assets
    - Statements of Cash Flows

- Footnotes - that elaborate on the accounting principles used in the preparation of the financial statements and further explain financial statement elements.

A Financial Analysis of the Fund

One of the most frequently asked questions about the Fund's finances is, "Has the overall financial condition improved, declined or remained steady over the past year?" The Statement of Net Assets and the Statement of Revenues, Expenses, and Changes in Net Assets report information about the Fund as a whole and about its activities in a way that helps answer this question. The following tables present a condensed comparative presentation of net assets and changes therein.

(Unaudited. See accompanying auditor's report.)

Oklahoma Water Resources Board
CWSRF Loan Account Administrative Fund
Net Assets

	Business-Type Activities		
	June 30		
	2012	2011	2010
Current assets	$ 1,785,736	$ 1,282,719	$ 1,069,638
Capital assets, net	57,345	68,109	5,964
Total assets	1,843,081	1,350,828	1,075,602
Current liabilities	313,165	30,218	98,905
Total liabilities	313,165	30,218	98,905
Net assets			
Invested in capital assets, net	57,345	68,109	5,964
Unrestricted	1,472,571	1,252,501	970,733
Total net assets	$ 1,529,916	$ 1,320,610	$ 976,697

Significant variances between 2011 and 2012 related to current assets due to an increase in administrative income. Increase in capital assets is due to the addition of software and an automobile purchased in FY 2011 and a printer purchased in FY 2012.

(Unaudited. See accompanying auditor's report.)

Oklahoma Water Resources Board
CWSRF Loan Account Administrative Fund
Revenues, Expenses, and Changes in Net Assets

	Business-Type Activities		
	Years Ended June 30,		
	2012	2011	2010
Revenues			
Operating revenues	$ 1,844,514	$ 1,407,688	$ 1,153,510
Non-operating revenues	16,510	12,297	16,904
Total revenues	1,861,024	1,419,985	1,170,414
Expenses			
Personnel expense	994,906	651,867	695,130
Indirect cost expense	416,470	310,389	175,646
Other administrative expenses	177,308	91,636	143,682
Depreciation expense	12,764	9,364	12,032
Total expenses	1,601,448	1,063,256	1,026,490
Net Income before transfers	259,576	356,729	143,924
Transfers to other programs	(50,270)	(12,816)	(29,407)
Increase in net assets	209,306	343,913	114,517
Total net assets - beginning	1,320,610	976,697	862,180
Total net assets - ending	$ 1,529,916	$ 1,320,610	$ 976,697

Operating revenue and indirect costs both increased due to the ARRA funds received and the increase in loan activity of the program.

Capital Assets

At the end of June 30, 2012, the Fund had $57,345 invested in capital assets, net of depreciation, including computer software and an automobile. This represents a net decrease of $10,764 over the prior year.

(Unaudited. See accompanying auditor's report.)

Oklahoma Water Resources Board
CWSRF Loan Account Administrative Fund
Capital Assets
(Net of accumulated depreciation)

	Business-Type Activities		
	Years Ended June 30,		
	2012	2011	2010
Software	$ 48,477	$ 57,290	$ -
Printer	2,000	-	-
Automobile	6,868	10,819	5,964
Totals	$ 57,345	$ 68,109	$ 5,964

Increase in capital assets is due to the addition of a printer purchased in FY 2012.

See Note 3 to the financial statements for more detailed information on the Fund's capital assets and changes therein.

Economic Factors and Next Year's Outlook

The Oklahoma Clean Water State Revolving Fund has been extremely popular with communities that borrow from the program. The Program's financing strategy of providing long-term loans at 60% of market rate has been consistent since program start up in 1990. No additional staff is planned at this time, therefore Fund expenses should be fairly consistent with the amount expended in FY 2012.

Contacting the Fund's Financial Management

This financial report is designed to provide the Board's accountability of the Fund. If you have questions about this report or need additional financial information, contact the Financial Assistance Division of the Oklahoma Water Resources Board at 3800 N. Classen Blvd, Oklahoma City, OK 73118.

(Unaudited. See accompanying auditor's report.)

BASIC FINANCIAL STATEMENTS

Statements of Net Assets – June 30, 2012 and 2011

	2012	2011
ASSETS:		
Current Assets:		
Cash and cash equivalents	$1,195,581	$491,309
Administrative fee receivable	584,272	481,997
Interest receivable	2,164	1,074
Due from CWSRF	3,719	308,339
Total current assets	1,785,736	1,282,719
Noncurrent Assets:		
Depreciable capital assets, net	57,345	68,109
Total noncurrent assets	57,345	68,109
Total assets	1,843,081	1,350,828
LIABILITIES:		
Current Liabilities:		
Due to Oklahoma Water Resources Board	313,165	30,218
Total current liabilities	313,165	30,218
NET ASSETS:		
Invested in capital assets, net of related debt	57,345	68,109
Unrestricted	1,472,571	1,252,501
Total net assets	$1,529,916	$1,320,610

See accompanying notes to the basic financial statements.

Statements of Revenues, Expenses, and Changes in Net Assets – Years Ended June 30, 2012 and 2011

	2012	2011
OPERATING REVENUES:		
Administrative fee income	$ 1,841,514	$ 1,400,438
Application fee income	3,000	7,250
Total operating revenues	1,844,514	1,407,688
OPERATING EXPENSES:		
Personnel expense	994,906	651,867
Indirect cost expense	416,470	310,389
Other administrative expenses	177,308	91,636
Depreciation expense	12,764	9,364
Total operating expenses	1,601,448	1,063,256
OPERATING INCOME	243,066	344,432
NON-OPERATING REVENUES:		
Interest income	16,510	11,995
Other income	-	302
Total non-operating revenues	16,510	12,297
Net income before transfers	259,576	356,729
Transfers to Oklahoma Clean Water State Revolving Loan Account Program	(50,270)	(12,816)
Change in net assets	209,306	343,913
Total net assets - beginning	1,320,610	976,697
Total net assets - ending	$1,529,916	$1,320,610

See accompanying notes to the basic financial statements.

Statements of Cash Flows – Years Ended June 30, 2012 and 2011

	2012	2011
CASH FLOWS FROM OPERATING ACTIVITIES		
Administrative fee income	$ 1,739,239	$ 982,254
Application fee income	3,000	7,250
Payments to employees	(994,906)	(651,867)
Payments to other suppliers	(6,211)	(470,712)
Other income	-	302
Net Cash Provided by (Used in) Operating Activities	741,122	(132,773)
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES		
Transfers to Oklahoma Clean Water State Revolving Loan Account Program	(50,270)	(12,816)
Net Cash Provided by (Used in) Noncapital Financing Activities	(50,270)	(12,816)
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Purchase of capital assets	(2,000)	(71,509)
Net Cash Provided by (Used in) Capital and Related Financing Activities	(2,000)	(71,509)
CASH FLOWS FROM INVESTING ACTIVITIES		
Interest income	15,420	12,781
Net Cash Provided by Investing Activities	15,420	12,781
Net Increase (Decrease) in Cash and Cash Equivalents	704,272	(204,317)
Balances - beginning of the year	491,309	695,626
Balances - end of the year	$ 1,195,581	$ 491,309
Reconciliation of operating income to net cash provided by operating activities:		
Operating income	$ 243,066	$ 344,432
Adjustments to reconcile operating income to net cash provided by (used in) operating activities:		
Depreciation	12,764	9,364
Other income	-	302
Change in assets and liabilities:		
Decrease (Increase) in administration fee receivable	(102,275)	(109,845)
Decrease (Increase) in due from CWSRF	304,620	(308,339)
Increase (Decrease) in accounts payable	-	(68,687)
Increase (Decrease) in Due to OWRB	282,947	-
Net Cash Provided by (Used in) Operating Activities	$ 741,122	$ (132,773)

See accompanying notes to the basic financial statements.

Footnotes to the Basic Financial Statements:

1. Summary of Significant Accounting Policies

Reporting Entity

The Oklahoma Water Resources Board/Oklahoma Wastewater Facility Construction Revolving Loan Account Program (the "Program") was created pursuant to the 1987 Amendments (P.L. 100-4) to the "Clean Water Act" (P.L. 92-500) to provide a perpetual fund for financing the construction of wastewater treatment facilities for municipalities and other public entities. The Program funds loans with Federal grants, State matching funds, principal repayments, bond proceeds, and interest received on loans and invested cash balances. State matching funds are provided through State appropriations or through the issuance of notes payable.

The Oklahoma Water Resources Board/Oklahoma Wastewater Facility Construction Revolving Loan Account (the "Program"), Title 82 Oklahoma Statutes, Sections 1085.51 et seq. was created pursuant to the 1987 Amendments (P.L. 100-4) to the Federal Clean Water Act (P.L. 92-500) set apart from all other Oklahoma Water Resources Board accounts and programs to be permanent and perpetual; not subject to fiscal year limitations. Title 82, Section 1085.64 created the Oklahoma Water Resources Board/Oklahoma Wastewater Facility Construction Revolving Loan Administrative Fund (the "Fund") for the purpose of administering the Program, transferring monies into the Program and for other purposes authorized by the Federal Clean Water Act. The Fund consists of revenues primarily from loan administrative fees, Fund investment earnings and loan processing and application processing fees.

Administrative fees are assessed on loans made from the Program. Fees are assessed to each participating borrower at the rate of one-half of one percent (0.5%) per annum of the amount of each borrower's loan balance outstanding, and loan application fees.

The significant accounting principles and practices followed by the Fund are presented below:

Basis of Accounting and Measurement Focus

The Fund is accounted for and presented similar to a special-purpose government engaged solely in business type activities.

The Fund uses the accrual basis of accounting whereby expenses are recognized when the liability is incurred and revenues are recognized when earned.

The Fund uses the economic resources measurement focus where all assets, liabilities, net assets, revenues, expenses and transfers relating to the Program and net income and capital maintenance are measured.

The accompanying financial statements have been prepared in conformity with generally accepted accounting principles as prescribed by the Governmental Accounting Standards Board ("GASB"). Under the guidelines of GASB Statement 20, the Fund has elected not to apply

1. Summary of Significant Accounting Policies (cont'd)

Financial Accounting Standards Board Statements and Interpretations issued after November 30, 1989.

Cash and Cash Equivalents

The Fund considers all highly liquid debt instruments purchased with an original maturity of three months or less and money market funds to be cash equivalents.

Capital Assets

Capital assets are stated at cost, less accumulated depreciation. Depreciation is charged to operating expense and is computed using the straight-line method. The useful life of software and printers has been estimated at 7 years. The useful life of automobiles has been estimated at 6 years. Maintenance and repairs are charged to operations when incurred and improvements are capitalized. The Fund's policy is to capitalize purchases in excess of $5,000. When assets are retired or otherwise disposed of, the cost and related accumulated depreciation are removed from the respective accounts and the resulting gain or loss is reflected in operations.

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Due To/From Other Funds

The $30,218 Due to OWRB at June 30, 2011 represents an OWRB drawdown that was incorrectly deposited into the Clean Water State Revolving Fund Loan Account Administrative fund. During the fiscal year 2011, the Clean Water State Revolving Fund Loan Account Program received administrative fee deposits totaling $308,339 that, due to an administrative error, were not transferred to the Clean Water State Revolving Fund Loan Account Administrative Fund during the year. The amount was paid over in fiscal year 2012. In addition, $198,222 Due to OWRB at June 30, 2012 represents indirect cost owed to the OWRB at June 30, 2012, for costs incurred but not paid. The amounts will be repaid in fiscal year 2013.

At June 30, 2012 the fund owed the OWRB for indirect cost of $84,725 that were allocated and deposited to the wrong account. These fees will be paid in fiscal year 2013.

2. Cash Deposits and Investment Risk

Cash of $1,195,581 and $491,309 at June 30, 2012 and 2011 respectively, was on deposit in the State Treasurer's office's internal investment pool – *OK Invest*.

Investment Interest Rate Risk – the Fund does not have a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates.

Investment Credit Risk and Custodial Credit Risk – the Fund has no investment policy that limits its investment choices other than the limitation of state law imposed on the State Treasurer as follows:

a. U.S. Treasury Bills, Notes and Bonds and U.S. Government Agency Securities with certain ratings and maturity limitations.
b. Collateralized or insured certificates of deposit and other evidences of deposit issued by a bank, savings bank, savings and loan association or credit union located in the state.
c. With certain ratings and maturity limitations, negotiable certificates of deposit, bankers acceptances and commercial paper.
d. Obligations of state and local governments, including obligations of Oklahoma state public trusts, with certain ratings and maturity limitations.
e. Collateralized repurchase agreements tri-party repurchase agreements.
f. Money market mutual funds and short term bond funds regulated by the SEC and in which investments consist of obligations of the U.S. Government and its agencies and instrumentalities and repurchase agreements collateralized by obligations of the U.S. Government and its agencies and instrumentalities.

The state treasurer has determined that current holdings in *OK Invest* should be limited to obligations of the United States government, its agencies and instrumentalities, tri-party repurchase agreements collateralized at 102% with the collateral held by a third party in the name of the Oklahoma State Treasurer and money market mutual funds which either directly or indirectly invest in U.S. Treasury and/or Agency securities and repurchase agreements related to such securities. *OK Invest* is not rated by a national rating agency. The overall weighted average maturity of *OK Invest* is less than 2 years. *OK Invest* is not insured or guaranteed by the State of Oklahoma, the Federal Deposit Insurance Corporation or any other government agency.

Concentration of Investment Credit Risk – the Fund places no limit on the amount it may invest in any one issuer. Limits are indirectly imposed through the Fund's participation in *OK Invest*. The Fund has the following concentration of credit risk: 100% or $1,195,581 is invested in *OK Invest*.

3. Capital Assets

A summary of equipment activity follows:

	Beginning Balance July 1, 2011	Additions	Deletions	Ending Balance June 30, 2012
Other capital assets:				
Computer software	$ 118,097	-	-	$ 118,097
Printer	-	2,000	-	2,000
Automobile	29,687	-	-	29,687
Total other capital assets, historical cost	147,784	2,000	-	149,784
Less: accumulated depreciation for:				
Computer software	60,807	8,814	-	69,621
Printer	-	-	-	-
Automobile	18,868	3,950	-	22,818
Total accumulated depreciation	79,675	12,764	-	92,439
Other capital assets, net	$ 68,109	(10,764)	-	$ 57,345

	Beginning Balance July 1, 2010	Additions	Deletions	Ending Balance June 30, 2011
Other capital assets:				
Computer software	$ 56,400	61,697	-	$ 118,097
Automobile	19,875	9,812	-	29,687
Total other capital assets, historical cost	76,275	71,509	-	147,784
Less: accumulated depreciation for:				
Computer software	56,400	4,407	-	60,807
Automobile	13,911	4,957	-	18,868
Total accumulated depreciation	70,311	9,364	-	79,675
Other capital assets, net	$ 5,964	62,145	-	$ 68,109

4. Indirect Costs

Indirect costs represent recoverable personnel costs charged to the Program by the Fund in connection with administering and accounting for activities of the Program. The amount allocated to the Program is based on a percentage of the Fund personnel costs as established in an indirect cost allocation plan. The indirect cost rate for the year ended June 30, 2012 and 2011 was 75.76% and 83.59%.

INTERNAL CONTROL OVER FINANCIAL REPORTING AND COMPLIANCE

Arledge
& Associates, P.C.
CERTIFIED PUBLIC ACCOUNTANTS

REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

To the Members of the
Oklahoma Water Resources Board

We have audited the financial statements of the Oklahoma Water Resources Board/Oklahoma Clean Water State Revolving Fund Loan Account Administrative Fund (the "Fund") as of and for the year ended June 30, 2012, and have issued our report thereon dated September 20, 2012. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards,* issued by the Comptroller General of the United States.

Internal Control Over Financial Reporting

In planning and performing our audit, we considered the Fund's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the Fund's internal control over financial reporting.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the Fund's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Fund's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

309 N. Bryant Ave. · Edmond, OK 73034 · 405.348.0615 · Fax 405.348.0931 · www.jmacpas.com
Member of AICPA and OSCPA

This report is intended solely for the information and use of the audit committee, management, and the members of the Oklahoma Water Resources Board and is not intended to be and should not be used by anyone other than these specified parties.

Arledge & Associates, P.C.

Edmond, Oklahoma
September 20, 2012

Attachment 24: FY 2009/2010 Capitalization Grant Award with Conditions CA# CS-400002-10

U.S. ENVIRONMENTAL PROTECTION AGENCY

Cooperative Agreement

ASSISTANCE ID NO.			DATE OF AWARD
PRG	DOC ID	AMEND#	09/23/2010
CS -	40000210	- 0	
TYPE OF ACTION: New			MAILING DATE: 09/30/2010
PAYMENT METHOD: ACH			ACH# 60638

RECIPIENT TYPE: State

Send Payment Request to: Las Vegas Finance Center

RECIPIENT:
Oklahoma Water Resources Board
3800 N. Classen Blvd.
Oklahoma City, OK 73118
EIN: 73-6017987

PAYEE:
Oklahoma Water Resources Board
3800 N. Classen Blvd.
Oklahoma City, OK 73118

PROJECT MANAGER	EPA PROJECT OFFICER	EPA GRANT SPECIALIST
Jennifer Lee Wasinger 3800 N. Classen Blvd. Oklahoma City, OK 73118 **E-Mail:** jwasinger@owrb.ok.gov **Phone:** (405) 530-8800	Susanne Mann Water Quality Protection Division, 6WQ-AP **E-Mail:** Mann.Susanne@epamail.epa.gov **Phone:** 214-665-7108	Belenthia Epps Grant Programs Section, 6MD-CG **E-Mail:** Epps.Belenthia@epamail.epa.gov **Phone:** 214-665-8390

PROJECT TITLE AND DESCRIPTION
Clean Water State Revolving Fund Capitalization Grant
These funds will be used by the State of Oklahoma to provide loans and other types of financial assistance (not grants) to local communities and intermunicipal and interstate agencies for wastewater improvements. The effect of the financing will be improved water quality in streams, lakes, rivers and bays, with resulting benefits to aquatic life and for use as drinking water sources; and/or elimination of disease from health hazards like raw sewage discharges.

BUDGET PERIOD	PROJECT PERIOD	TOTAL BUDGET PERIOD COST	TOTAL PROJECT PERIOD COST
09/23/2010 - 05/31/2012	09/23/2010 - 05/31/2012	$26,297,040.00	$26,297,040.00

NOTICE OF AWARD

Based on your application dated 02/23/2010, including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA), hereby awards $21,914,200. EPA agrees to cost-share 83.33% of all approved budget period costs incurred, up to and not exceeding total federal funding of $21,914,200. Such award may be terminated by EPA without further cause if the recipient fails to provide timely affirmation of the award by signing under the Affirmation of Award section and returning all pages of this agreement to the Grants Management Office listed below within 21 days after receipt, or any extension of time, as may be granted by EPA. This agreement is subject to applicable EPA statutory provisions. The applicable regulatory provisions are 40 CFR Chapter 1, Subchapter B, and all terms and conditions of this agreement and any attachments.

ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)	AWARD APPROVAL OFFICE
ORGANIZATION / ADDRESS	**ORGANIZATION / ADDRESS**
Grant Programs Section, 6MD-CG 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733	U.S. EPA, Region 6 Water Quality Protection Division 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733

THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY

SIGNATURE OF AWARD OFFICIAL	TYPED NAME AND TITLE	DATE
Digital signature applied by EPA Award Official	Sam Becker, Deputy Assistant Regional Administrator for Management (6MD-D)	09/23/2010

AFFIRMATION OF AWARD

BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION

SIGNATURE	TYPED NAME AND TITLE	DATE
Rudolf J. Herrmann	~~Rufolf~~ John Herrmann, Chairman Rudolf	10-12-2010

EPA Funding Information

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	$	$ 21,914,200	$ 21,914,200
EPA In-Kind Amount	$	$	$ 0
Unexpended Prior Year Balance	$	$	$ 0
Other Federal Funds	$	$	$ 0
Recipient Contribution	$	$	$ 0
State Contribution	$	$ 4,382,840	$ 4,382,840
Local Contribution	$	$	$ 0
Other Contribution	$	$	$ 0
Allowable Project Cost	$ 0	$ 26,297,040	$ 26,297,040

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.458 - Capitalization Grants for State Revolving Fund	Clean Water Act: Secs. 205(m) 601-607	40 CFR PTS 31 & 35 SUBPRT K

Fiscal

Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
-	1006WD0023	10	E2C	064K	202B80E	4111	09CA	-	5,453,200
-	1006WD0023	10	E2	064K	202B80E	4111	10CA	-	16,461,000
									21,914,200

Budget Summary Page: Clean Water SRF

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	$0
2. Fringe Benefits	$0
3. Travel	$0
4. Equipment	$0
5. Supplies	$0
6. Contractual	$0
7. Construction	$0
8. Other	$26,297,040
9. Total Direct Charges	$26,297,040
10. Indirect Costs: % Base	$0
11. Total (Share: Recipient 16.67 % Federal 83.33 %.)	$26,297,040
12. Total Approved Assistance Amount	$21,914,200
13. Program Income	$0
14. Total EPA Amount Awarded This Action	$21,914,200
15. Total EPA Amount Awarded To Date	$21,914,200

Clean Water State Revolving Fund Program

Table B - Program Element Classification (Non-construction)	Total Approved Allowable Budget Period Cost
1. Capitalization Grant	$21,914,200
2. State Match	$4,382,840
3.	$
4.	$
5.	$
6.	$
7.	$
8.	$
9.	$
10.	$
11. Total (Share: Recip 16.67 % Fed 83.33 %)	$26,297,040
12. Total Approved Assistance Amount	$21,914,200

Administrative Conditions

This Assistance Agreement is awarded in accordance with the **Federal Grants and Cooperative Agreement Act of 1977.** Areas of substantial EPA involvement, beyond the normal exercise of performance evaluation and program review, have been detailed in specific output objectives which resulted from negotiation between EPA and the recipient. These areas are included in the application for this award and have become a part of this Agreement.

1. The recipient covenants and agrees that it will expeditiously initiate and timely complete the project work for which assistance has been awarded under this Agreement, in accordance with all applicable provisions of **40 CFR Chapter 1, Subchapter B.** The recipient warrants, represents, and agrees that it and all its contractors, employees and representatives, will comply with all APPLICABLE provisions of **40 CFR Chapter 1, Subchapter B, INCLUDING BUT NOT LIMITED TO** the provisions of **40 CFR Parts 31, 32, 33, 34 and 35.** This award may be reduced or terminated at such time the recipient fails to comply with the program objectives, grant award conditions, or Federal reporting requirements.

2. Recipient standards of administration, property management, procurement and financial management, as well as records and facilities of recipients, their contractors and subcontractors are subject to audit and inspection by the Comptroller General of the United States and the U.S. Environmental Protection Agency in accordance with Office of Management and Budget (OMB) Circulars A-87, A-102, or A-110, as appropriate, A-133 and 40 CFR Part 31. The recipient's standards governing procurement will be in accordance with 40 CFR, Part 31.36, Part 33 and OMB Circular A-102. The recipient shall maintain a financial management system which meets the requirements of 40 CFR Part 31.20.

3. The Federal share of allowable expenditures chargeable to this assistance project will be financed by the EPA AUTOMATED CLEARING HOUSE (EPA-ACH) PAYMENT SYSTEM or U.S. TREASURY AUTOMATED STANDARD APPLICATION FOR PAYMENTS (ASAP) SYSTEM.

   The recipient will strictly adhere to the accounting and reporting procedures described in the EPA-ACH Recipient's Manual for the duration of the project. Three conditions should receive special attention:

   a. Cash drawdowns will be made only as actually needed for disbursements.

   b. **SPECIAL NOTE:** When a drawdown under the EPA-ACH Payment System occurs, the recipient must show the Assistance Agreement Number(s) under "Financial Data" on the EPA-ACH Payment Request Form. Requests for payment should be faxed to:

      (702) 798-2423
      Las Vegas Finance Center
      Attention: Region 6 Financial Specialist

c. The recipient will impose the same standards of timing and reporting on secondary recipients, if any.

4. UTILIZATION OF SMALL, MINORITY AND WOMEN'S BUSINESS ENTERPRISES

GENERAL COMPLIANCE, 40 CFR, Part 33

The recipient agrees to comply with the requirements of EPA's Program for Utilization of Small, Minority and Women's Business Enterprises in procurement under assistance agreements, contained in 40 CFR, Part 33.

FAIR SHARE OBJECTIVES, 40 CFR, Part 33, Subpart D

A recipient must negotiate with the appropriate EPA award official, or his/her designee, fair share objectives for MBE and WBE (MBE/WBE) participation in procurement under the financial assistance agreements.

Current Fair Share Objective/Goal

The dollar amount of this assistance agreement, or the total dollar amount of all of the recipient's financial assistance agreements in the current federal fiscal year from EPA is $250,000, or more. The Oklahoma Water Resources Board has negotiated the following, applicable MBE/WBE fair share objectives/goals with EPA as follows:

MBE: CONSTRUCTION- 12.93%; SUPPLIES - 6.27%; SERVICES -16.84%; EQUIPMENT -7.83%
WBE: CONSTRUCTION -7.37%; SUPPLIES -13.01%; SERVICES -30.94%; EQUIPMENT -15.53%

Negotiating Fair Share Objectives/Goals, 40 CFR, Section 33.404

If the recipient has not yet negotiated its MBE/WBE fair share objectives/goals, the recipient agrees to submit proposed MBE/WBE objectives/goals based on an availability analysis, or disparity study, of qualified MBEs and WBEs in their relevant geographic buying market for construction, services, supplies and equipment.

The recipient agrees to submit proposed fair share objectives/goals, together with the supporting availability analysis or disparity study, to the Regional MBE/WBE Coordinator within 120 days of its acceptance of the financial assistance award. EPA will respond to the proposed fair share objective/goals within 30 days of receiving the submission. If proposed fair share objective/goals are not received within the 120 day time frame, the recipient may not expend its EPA funds for procurements until the proposed fair share objective/goals are submitted.

Objective/Goals of Loan Recipients

As a recipient of an EPA financial assistance agreement to capitalize revolving loan funds,

the recipient agrees to either apply its own fair share objectives negotiated with EPA to identified loans using a substantially similar relevant geographic market, or negotiate separate fair share objectives with its identified loan recipients. These separate objectives/goals must be based on demonstrable evidence of the availability of MBEs and WBEs in accordance with 40 CFR, Part 33, Subpart D.

The recipient agrees that if procurements will occur over more than one year, the recipient may choose to apply the fair share objective in place either for the year in which the identified loan is awarded or for the year in which the procurement action occurs. The recipient must specify this choice in the financial assistance agreement, or incorporate it by reference therein.

SIX GOOD FAITH EFFORTS, 40 CFR, Part 33, Subpart C

Pursuant to 40 CFR, Section 33.301, the recipient agrees to make the following good faith efforts whenever procuring construction, equipment, services and supplies under an EPA financial assistance agreement, and to require that sub-recipients, loan recipients, and prime contractors also comply. Records documenting compliance with the six good faith efforts shall be retained:

(a) Require DBEs are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local and Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.

(b) Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.

(c) Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.

(d) Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.

(e) Use the services and assistance of the SBA and the Minority Business Development Agency of the Department of Commerce.

(f) If the prime contractor awards subcontracts, require the prime contractor to take the steps in paragraphs (a) through (e) of this section.

MBE/WBE REPORTING, 40 CFR, Part 33, Sections 33.502 and 33.503

The recipient agrees to complete and submit EPA Form 5700-52A, "MBE/WBE Utilization Under Federal Grants, Cooperative Agreements and Interagency Agreements" beginning with the Federal fiscal year reporting period the recipient receives the award and continuing until the project is completed. **Only procurements with certified MBE/WBEs are counted toward a recipient's MBE/WBE accomplishments.** The reporting period is **semiannual**, with reporting periods ending March 31st and September 30th. The reports must be submitted within 30 days of the end of the semiannual reporting periods, **April 30th and October 30th**.

Recipients of financial assistance agreements that capitalize revolving loan programs agree to require entities receiving identified loans to submit their MBE/WBE participation reports on a semiannual basis to the financial assistance agreement recipient, rather than to EPA.

Reports should be sent to U.S. EPA, Region 6, Grant Programs Section (6MD-CG), 1445 Ross Avenue, Dallas, Texas 75202-2733. **Final MBE/WBE reports must be submitted within 90 days after the project period of the grant ends. Your grant cannot be officially closed without all MBE/WBE reports.**

EPA Form 5700-52A may be obtained from the EPA Office of Small Business Program's Home Page on the Internet at www.epa.gov/osbp.

CONTRACT ADMINISTRATION PROVISIONS, 40 CFR, Section 33.302

The recipient agrees to comply with the contract administration provisions of 40 CFR, Section 33.302. The recipient also agrees to require that recipients of identified loans also comply with provisions of 40 CFR, Section 33.302.

BIDDERS LIST, 40 CFR, Section 33.501(b) and (c)

Recipients of a Continuing Environmental Program Grant or other annual reporting grant, agree to create and maintain a bidders list. Recipients of an EPA financial assistance agreement to capitalize a revolving loan fund also agree to require entities receiving identified loans to create and maintain a bidders list if the recipient of the loan is subject to, or chooses to follow, competitive bidding requirements. Please see 40 CFR, Section 33.501 (b) and (c) for specific requirements and exemptions.

5. The recipient organization of this EPA assistance agreement must make an ongoing, good faith effort to maintain a drug-free workplace pursuant to the specific requirements set forth in Title 40 CFR 36.200 - 36.230. Additionally, in accordance with these regulations, the recipient organization must identify all known workplaces under its federal awards, and keep this information on file during the performance of the award.

   Those recipients who are individuals must comply with the drug-free provisions set forth in Title 40 CFR 36.300.

   The consequences for violating this condition are detailed under Title 40 CFR 36.510. Recipients can

access the Code of Federal Regulations (CFR) Title 40 Part 36 at http://www.access.gpo.gov/nara/cfr/waisidx_06/40cfr36_06.html.

6. Congress has prohibited EPA from using its FY 2010 appropriations to provide funds to the Association of Community Organizations for Reform Now (ACORN) or any of its subsidiaries. None of the funds provided under this agreement may be used for subawards/subgrants or contracts to ACORN or its subsidiaries. Recipients should direct any questions about this
prohibition to their EPA Grants Management Office.

7. Pursuant to 40 CFR 30.18, if applicable, and 15 USC 2225a, the recipient agrees to ensure that all space for conferences, meetings, conventions, or training seminars funded in whole or in part with federal funds complies with the protection and control guidelines of the Hotel and Motel Fire Safety Act (PL 101-391, as amended). Recipients may search the Hotel-Motel National Master List at http://www.usfa.dhs.gov/applications/hotel/ to see if a property is in compliance (FEMA ID is currently not required), or to find other information about the Act.

8. The chief executive officer of this recipient agency shall ensure that no grant funds awarded under this assistance agreement are used to engage in lobbying of the Federal Government or in litigation against the United States unless authorized under existing law. The recipient shall abide by its respective OMB Circular (A-21, A-87, or A-122), which prohibits the use of federal grant funds for litigation against the United States or for lobbying or other political activities.

9. The recipient agrees to comply with Title 40 CFR Part 34, *New Restrictions on Lobbying* . The recipient shall include the language of this provision in award documents for all subawards exceeding $100,000, and require that subrecipients submit certification and disclosure forms accordingly.

   In accordance with the Byrd Anti-Lobbying Amendment, any recipient who makes a prohibited expenditure under Title 40 CFR Part 34 or fails to file the required certification or lobbying forms shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such expenditure.

10. Management fees or similar charges in excess of the direct costs and approved indirect rates are not allowable. The term "management fees or similar charges" refers to expenses added to the direct costs in order to accumulate and reserve funds for ongoing business expenses, unforeseen liabilities, or for other similar costs which are not allowable under this assistance agreement. Management fees or similar charges may not be used to improve or expand the project funded under this agreement, except to the extent authorized as a direct cost of carrying out the scope of work.

11. In accordance with OMB Circular A-133, which implements the single Audit Act, the recipient hereby agrees to obtain a single audit from an independent auditor if it expends $500,000 or more in total Federal funds in any fiscal year. Within nine months after the end of a recipient's fiscal year or 30 days after receiving the report from the auditor, the recipient shall submit a copy of the SF-SAC and a Single Audit Report Package. **For fiscal periods 2002 to 2007 recipients are to submit hardcopy to the following address:**

    Federal Audit Clearinghouse
    1201 East 10th Street
    Jeffersonville, IN 47132

For fiscal periods 2008 and beyond the recipient MUST submit a copy of the SF-SAC and a Single Audit Report Package, using the Federal Audit Clearinghouse's Internet Data Entry System. Complete information on how to accomplish the 2008 and beyond Single Audit Submissions you will need to visit the Federal Audit Clearinghouse Web site: http://harvester.census.gov/fac/

12. In accordance with Section 6002 of the Resource Conservation and Recovery Act (RCRA) (42 U.S.C. 6962) any State agency or agency of a political subdivision of a State which is using appropriated Federal funds shall comply with the requirements set forth. Regulations issued under RCRA Section 6002 apply to any acquisition of an item where the purchase price exceeds $10,000 or where the quantity of such items acquired in the course of the preceding fiscal year was $10,000 or more. RCRA Section 6002 requires that preference be given in procurement programs to the purchase of specific products containing recycled materials identified in guidelines developed by EPA. These guidelines are listed in 40 CFR 247.

13. EPA's financial obligations to the recipient are limited by the amount of federal funding awarded to date as shown on line 15 in its EPA approved budget. If the recipient incurs costs in anticipation of receiving additional funds from EPA, it does so at its own risk.

14. National Term and Condition for Subawards

a. The recipient agrees to:

(1) Establish all subaward agreements in writing;
(2) Maintain primary responsibility for ensuring successful completion of the EPA-approved project (this responsibility cannot be delegated or transferred to a subrecipient);
(3) Ensure that any subawards comply with the standards in Section 210(a)-(d) of OMB Circular A-133 and are not used to acquire commercial goods or services for the recipient;
(4) Ensure that any subawards are awarded to eligible subrecipients and that proposed subaward costs are necessary, reasonable, and allocable;
(5) Ensure that any subawards to 501(c)(4) organizations do not involve lobbying activities;
(6) Monitor the performance of their recipients and ensure that they comply with all applicable regulations, statutes, and terms and conditions which flow down in the subaward;
(7) Obtain EPA's consent before making a subaward to a foreign or international organization, or a subaward to be performed in a foreign country; and
(8) Obtain approval from EPA for any new subaward work that is not outlined in the approved work plan in accordance with 40 CFR Parts 30.25 and 31.30, as applicable.

b. Any questions about subrecipient eligibility or other issues pertaining to subawards should be addressed to the recipient's EPA Project Officer. Additional information regarding subawards may be found at http://www.epa.gov/ogd/guide/subaward-policy-part-2.pdf. Guidance for distinguishing between vendor and subrecipient relationships and ensuring compliance with Section 210(a)-(d) of OMB Circular A-133 can be found at http://www.epa.gov/ogd/guide/subawards-appendix-b.pdf and

http://www.whitehouse.gov/omb/circulars/a133/a133.html.

c. The recipient is responsible for selecting its subrecipients and, if applicable, for conducting subaward competitions.

15. Recipients shall fully comply with Subpart C of 2 CFR Part 180 entitled, "Responsibilities of Participants Regarding Transactions Doing Business With Other Persons," as implemented and supplemented by 2 CFR Part 1532. Recipient is responsible for ensuring that any lower tier covered transaction, as described in Subpart B of 2 CFR Part 180, entitled "Covered Transactions," includes a term or condition requiring compliance with Subpart C. Recipient is responsible for further requiring the inclusion of a similar term or condition in any subsequent lower tier covered transactions. Recipient acknowledges that failing to disclose the information required under 2 CFR 180.335 may result in the delay or negation of this assistance agreement, or pursuance of legal remedies, including suspension and debarment.

16. Recipients may access the Excluded Parties List System at http://www.epls.gov. This term and condition supersedes EPA Form 5700-49, "Certification Regarding Debarment, Suspension, and Other Responsibility Matters."

17. To implement requirements of Section 106 of the Trafficking Victims Protection Act of 2000, as amended, the following provisions apply to this award:

a. We, as the Federal awarding agency may unilaterally terminate this award, without penalty, if a subrecipient that is a private entity: (1) is determined to have violated an applicable prohibition in the Prohibition Statement below; or (2) has an employee who is determined by the agency official authorized to terminate the award to have violated an applicable prohibition in the Prohibition Statement below through conduct that is either: (a) associated with performance under this award; or (b) imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," as implemented by our agency at 2 CFR part 1532. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in the Prohibition Statement below.

b. Our right to terminate unilaterally that is described in paragraph a of this award term: (1) implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. 7104(g)), and (2) is in addition to all other remedies for noncompliance that are available to us under this award.

c. You must include the requirements of the Prohibition Statement below in any subaward you make to a private entity.

Prohibition Statement - You as the recipient, your employees, subrecipients under this award, and subrecipients' employees may not engage in severe forms of trafficking in persons during the period of time that the award is in effect; procure a commercial sex act during the period of time that the award is in effect; or use forced labor in the performance of the award or subawards under the award.

18. Pursuant to 40 CFR 31.41(b) and 31.50(b), EPA recipients shall submit an annual Federal Financial Report (SF-425) to EPA no later than 90 calendar days following the end of the reporting quarter

The following reporting period end dates shall be used for interim reports: 3/31, 6/30, 9/30, or 12/31.

At the end of the project, the recipient must submit a final Federal Financial Report to EPA no later than 90 calendar days after the end of the project period. The form is available on the internet at http://www.epa.gov/ocfo/finservices/forms.htm . All FFRs must be submitted to the Las Vegas Finance Center: US EPA, LVFC, PO Box 98515, Las Vegas, NV 89193, or by Fax to: 702-798-2423.

The LVFC will make adjustments, as necessary, to obligated funds after reviewing and accepting a final Federal Financial Report. Recipients will be notified and instructed by EPA if they must complete any additional forms for the closeout of the assistance agreement.

EPA may take enforcement actions in accordance with 40 CFR 31.43 if the recipient does not comply with this term and condition.

Programmatic Conditions

FY 2010 Capitalization Grant (Utilizing FY 2009 and FY 2010 Allotments),
CS-400002-10-0
Programmatic Conditions

1. The State agrees to administer the State Revolving Fund (SRF) Program in accordance with presentations made within the Application for Federal Assistance dated January 23, 2010, and the 2010 Intended Use Plan (IUP) dated June 29, 2010, the 2010 IUP Revisions 1 and 2 dated September 28, 2009, and July 1, 2010, and the 2011 IUP dated June 29, 2010, which are incorporated by reference into this grant agreement, provided that, if a presentation in the IUP or the application conflicts with a term and condition contained herein, the term and condition shall take precedence.

2. The State agrees to comply with the terms and conditions of the Operating Agreement between the Oklahoma Water Resources Board (OWRB) and the U.S. Environmental Protection Agency, Region 6, as revised May 12, 1998, which is incorporated herein by this reference, in administering the State Revolving Fund Program.

3. Grant Payments

A. The State agrees to accept payments from EPA (as increases to the amount of funds available in the EPA/Automated Clearing House (ACH) Payment System) in quarterly installments in accordance with the following schedule:

2009 Allotment	2010 Allotment
FFY 2010 4th Qtr: $5,453,200	
	FFY 2011 1st Qtr: $11,522,700
	FFY 2011 2nd Qtr: $ 4,938,300

B. The State agrees to deposit into its SRF at least 20 percent of the amount of each grant payment on or before the date on which the State receives each payment from this capitalization grant. If the State maintains its match in an LOC or other financial arrangement similar to the Federal LOC, the State's proportional share must be converted to cash when the Federal LOC is drawn upon.

C. Each request for cash draw from the EPA/ACH Payment System must be

submitted separately from requests for other program cash draws from the EPA/ACH Payment System.

D. The State will ensure that the cumulative amount of State match drawn into the fund will always be at least equal to 16.67% of the cumulative amounts of both State match and Federal funds drawn into the fund as specified at 40 CFR 35.3155 (d)(5). Interest earned on fund balances will remain in the fund.

4. The principal "PARTS" of 40 CFR applicable to this grant are:

PART 32 "Debarment and Suspension Under EPA Assistance Programs:" and
PART 35 "State Revolving Fund Program Implementation Regulation Rule."

5. The State will not provide loan assistance from the SRF to applicants for the non-federal share of costs of treatment work projects for which such recipient is receiving assistance from EPA under any other authority. Additionally, the State will restrict use of the Federally capitalized fund for loan and bond subsidies.

6. Projects which began construction prior to March 7, 1985, will not be given financial assistance through refinancing, even if debt was incurred after March 7, 1985.

7. The State agrees to submit an Annual Report to the Regional Administrator on the actual uses of the SRF within 90 days after the end of the State Fiscal Year.

8. The Regional office will generally complete the SRF Annual Review within 120 days after receipt of the SRF Annual Report.

9. The State represents that it has previously certified that it will assist EPA in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended, and such certification has been submitted to EPA. The State shall carry out the requirements of 36 CFR 800 et seq., and all applicable standards and guidelines of the Advisory Council on Historic Preservation for all SRF activities receiving EPA assistance.

10. In accordance with 40 CFR Part 35.3165, the State may conduct or arrange to have conducted an annual independent financial and compliance audit of its SRF program (in accordance with generally accepted government auditing standards which are usually defined, but not limited to, those contained in the U. S. General Accounting Office (GAO) publication "Government Auditing Standards," as revised). The audit report must contain: an opinion on the financial statements of the SRF: a report on the internal controls: and a report on compliance with Title VI of the Clean Water Act (CWA). The State audit report should be completed within one year of the end of the State SRF fiscal year. Three copies of the report should be submitted to the EPA Regional Office. These audits may be done in conjunction with audits conducted in accordance with the Single Audit Act. However, Single Audit Act audits will not replace this requirement or vice versa.

11. Funds used from the Clean Water State Revolving Fund (CWSRF) for administrative expenses will not exceed four percent (4%) of the cumulative amount of the grant awards, in accordance with 40 CFR Section 35.3120(g)(1). Expenses of the SRF in excess of that amount must be paid from other sources outside the CWSRF.

    Unless further relief from this requirement is provided for in the FY 2011 Appropriations Bill, beginning in FY 2011, costs for administering the CWSRF that are included within loans and disbursed from the CWSRF are to be calculated as part of the four percent (4%) administrative ceiling set by Title VI of the Clean Water Act.

12. CWSRF administrative fees earned during the grant period, and held in accounts outside the CWSRF, shall only be used for purposes directly related to the CWSRF program. However, administrative fees earned after the grant period may be used for various water quality activities. The uses of all fees must be consistent with EPA "Guidance on Fees Charged by States to Recipients of CWSRF Program Assistance", issued October 20, 2005. Fees held in said accounts shall be audited and reported upon annually. Interest earned on said fees will only be used for water quality activities or for the combined financial administration of the CWSRF and DWSRF Funds where the programs are administered by the same State agency.

13. The State of Oklahoma has determined that the cash draw proportionality ratio for its CWSRF program cash draws from the EPA ACH system will not exceed 16.67% State and 83.33% Federal, in accordance with regulations governing cash draws at 40 CFR 35.3160(d)(4) and the Guide to Using EPA's Automated Clearing House for the State Revolving Fund Program.

14. Performance Reports must adequately address progress in achieving agreed-upon project/program outputs and environmental outcomes. To address the performance measures for the CWSRF Fiscal Year (SFY 2010) program, the OWRB will complete the Environmental Benefits form (version dated 2-15-05) for each CWSRF project loan closed during Fiscal Year 2010 and will include the information in the SFY 2010 CWSRF Annual Performance Report.

15. The State agrees that the projects or activities assisted with funds "directly made available by" capitalization grants, will comply with cross-cutting authorities, and the State will notify the Regional Administrator when consultation or coordination with other Federal agencies is necessary to resolve compliance issues.

    The following programmatic conditions apply only to an amount of SRF funds equivalent to the State's (CWSRF) 2010 Allotment ($16,461,000), except for the condition relating to the Davis Bacon Wage Rate Requirements which apply to all assistance agreements which are executed on or after October 30, 2009 and before October 1, 2010. Accordingly, the Davis Bacon Wage Rate Requirements will apply to the combined total of the 2009 and 2010 allotments ($21,914,200).

16. The recipient of funds for the State Revolving Funds from P.L. 111-88, the FY 2010

Interior and Environment Appropriation, agrees to comply with all requests for data related to the use of the funds under Subchapter VI of the Clean Water Act (CWA) or Section 1452 of the Safe Drinking Water Act (SDWA), and to report all uses of the funds no less than quarterly, as EPA specifies for the CWSRF Benefits Reporting database and the Drinking Water Project Benefits Reporting database. This reporting shall include but not be limited to data with respect to compliance with the Green Project Reserve and additional subsidization requirements as specified in the FY 2010 Interior and Environment Appropriation and the Conference Report (H. Rpt. 111-316) and as outlined in the FY 2010 Procedures document, and other data as necessary to carry out the authorities cited in this Grant Condition.

17. In accordance with 40 CFR 31.40, 40 CFR 35.3165, and 40 CFR 35.3570, the recipient agrees to provide in its Annual Report information regarding key project characteristics, milestones, and environmental/public health protection results in the following areas: 1) achievement of the outputs and outcomes established in the Intended Use Plan; 2) the reasons for delays if established outputs or outcomes were not met; 3) any additional pertinent information on environmental results; 4) compliance with the Green Project Reserve requirement as outlined in the FY 2010 procedures document; and 5) compliance with the additional subsidization requirement as described in the FY 2010 procedures document.

18. Preamble

The 2010 Appropriation to the CWSRF and DWSRF programs requires that a portion of the capitalization grant funds be used to provide additional subsidization, while relying on the purposes of the Funds in their underlying acts.

The application of the additional subsidies - in the form in which they are authorized in the FY 2010 Appropriation - to the base SRF programs raises important issues for the underlying SRF programs. While the DWSRF program has since its inception offered discretion to States to provide additional subsidization, that authority was closely circumscribed by requirements that communities assisted meet the State's definition of "disadvantaged," and that the subsidies provided in any year could not exceed 30 percent of the capitalization grant. In contrast, the FY 2010 Appropriation is more demanding and expansive. It requires States to provide a minimum of 30 percent in additional subsidies, and authorizes States to provide up to 49.92 percent of the capitalization grant in the CWSRF, and up to the entire amount of the grant in the DWSRF, in additional subsidization to any "eligible recipients" of SRF assistance.

19. Moreover, the similar provision in ARRA was in a one-time, supplemental appropriation that was in addition to the base SRF program appropriation for FY 2009. The additional subsidization provision in FY 2010 comes in the appropriation for the base SRF programs. By authorizing States to provide up to a majority (CWSRF) or entirety (DWSRF) of the base SRF program capitalization grant in additional subsidies, this FY 2010 provision contemplates the possibility that, for the first time, a minority or none of these base program capitalization grant funds will be

repaid into the State Revolving Funds.

Under these circumstances, in which a large amount of base program capitalization grant funds will not revolve, it is prudent to include additional specifications in the capitalization agreements with States that ensure that the subsidies are funding infrastructure that is sustainable (not enabling the expansion of centralized infrastructure to accommodate growth while failing to adequately repair, replace, and upgrade infrastructure in existing communities who are not otherwise able to afford such projects). Section 602(a) of the CWA and section 1452(a)(3)(A)(i) of SDWA gives the authority to add such specifications to the capitalization grant. CCWWAA Section 602(a) specifies that the "State shall enter into an agreement with the Administrator which shall include but not be limited to the specifications set forth in subsection (b)...." SDWA Section 1452(g)(3)(A) authorizes EPA to publish guidance "to ensure that each state commits and expends funds allotted to the State under this section as efficiently as possible." Therefore, EPA is adding a grant condition to all FY 2010 CWSRF and DWSRF capitalization grants.

a. The recipient agrees to use funds provided by this grant to provide additional subsidization in the form of principal forgiveness, negative interest rate loans, or grants, in accordance with P.L. 111-88 as follows:

(1) Clean Water State Revolving Fund capitalization recipients agree to use at least 14.98 percent, and no more than 49.92 percent of the funds provided by this grant to provide additional subsidization in accordance with P.L. 111-88. (For the exact amount, see attachment to the 2010 Procedures.)

(2) Drinking Water State Revolving Fund capitalization grant recipients agree to use at least 30 percent of the funds provided by this grant to provide additional subsidization in accordance with P.L. 11-88.

b. Priority for additional subsidies should be given to communities that could not otherwise afford such projects. To further ensure sustainability of projects receiving additional subsidies, these subsidies should be directed to: 1) repair, replacement, and upgrade of infrastructure in existing communities; 2) investigations, studies, or plans that improve the technical, financial and managerial capacity of the assistance recipient to operate, maintain, and replace financed infrastructure; and/or 3) preliminary planning, alternatives assessment and eligible capital projects that reflect the full life cycle costs of infrastructure assets, conservation of natural resources, and alternative approaches to integrate natural or "green" systems into the built environment. The recipient agrees to provide in its Annual Report an explanation as to how they did or did not address this provision.

19. The recipient agrees to make a timely and concerted solicitation for projects that address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities. The recipient agrees to include in its IUP such qualified projects, or components of projects, that total an amount at least equal to 20% of its capitalization grant. If there are not sufficient qualified projects or

components already in the IUP that total 20% of the FY2010 funds available, the recipient agrees to conduct additional solicitation, to amend its project list to include any such qualified projects thus identified, and to provide not less than 20% of such FY 2010 funds available to such projects on its amended project list.. If there are not sufficient qualified projects or components on the amended project list after such additional solicitation, the recipient may if necessary submit a waiver request to EPA in accordance with the FY 2010 Procedures.

20. Wage Rate Requirements

The recipient agrees to include in all agreements to provide assistance for the construction of treatment works carried out in whole or in part with such assistance made available by a State water pollution control revolving fund as authorized by title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.), or with such assistance made available under section 205(m) of that Act (33 U.S.C. 1285(m)), or both, a term and condition requiring compliance with the requirements of section 513 of that Act (33 U.S.C. 1372) in all procurement contracts and sub-grants, and require that loan recipients, procurement contractors and sub-grantees include such a term and condition in subcontracts and other lower tiered transactions. All contracts and subcontracts for the construction of treatment works carried out in whole or in part with assistance made available as stated herein shall insert in full in any contract in excess of $2,000 the contract clauses as attached hereto entitled "Wage Rate Requirements Under FY 2010 Appropriations." This term and condition applies to all agreements to provide assistance under the authorities referenced herein, whether in the form of a loan, bond purchase, grant, or any other vehicle to provide financing for a project, where such agreements are executed on or after October 30, 2009 and before October 1, 2010. **(See Attachment A)**

21. The State agrees that funds expended from the FY 2010 Allotment portion of this capitalization grant will not exceed $11,522,700, which is 70 percent of the Allotment, until such time as the FY 2011 Intended Use Plan (IUP) has been amended to include a sufficient list of projects to support the 20 percent Green Project Reserve (GPR) and 30 percent Additional Subsidy requirements, including a detailed description of the project selection criteria. The amendment to the IUP must be subjected to public review and comment in accordance with the State's public review requirements and approved/accepted by EPA prior to the release of the remaining 30 percent of these funds.

Attachment A

Clean Water State Revolving Fund (CWSRF)

CWSRF: The recipient agrees to include in all agreements to provide assistance for the construction of treatment works carried out in whole or in part with such assistance made available by a State water pollution control revolving fund as authorized by title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.), or with such assistance made available under section 205(m) of that Act (33 U.S.C. 1285(m)), or both, a term and condition requiring compliance with the requirements of section 513 of that Act (33 U.S.C. 1372) in all procurement contracts and sub-grants, and require that loan recipients, procurement contractors and sub-grantees include such a term and condition in subcontracts and other lower tiered transactions. All contracts and subcontracts for the construction of treatment works carried out in whole or in part with assistance made available as stated herein shall insert in full in any contract in excess of $2,000 the contract clauses as set forth below entitled "Wage Rate Requirements Under FY 2010 Appropriations." This term and condition applies to all agreements to provide assistance under the authorities referenced herein, whether in the form of a loan, bond purchase, grant, or any other vehicle to provide financing for a project, where such agreements are executed on or after October 30, 2009 and before October 1, 2010.

Wage Rate Requirements Under FY 2010 Appropriations

Preamble

With respect to the Clean Water and Safe Drinking Water State revolving Funds, EPA provides capitalization grants to each State which in turn provides subgrants or loans to eligible entities within the State. Typically, the subrecipients are municipal or other local governmental entities that manage the funds. For these types of recipients, the provisions set forth under Roman Numeral I, below, shall apply. Although EPA and the State remain responsible for ensuring subrecipients' compliance with the wage rate requirements set forth herein, those subrecipients shall have the primary responsibility to maintain payroll records as described in Section 3(ii)(A), below and for compliance as described in Section I-5.

Occasionally, the subrecipient may be a private for profit or not for profit entity. For these types of recipients, the provisions set forth in Roman Numeral II, below, shall apply. Although EPA and the State remain responsible for ensuring subrecipients' compliance with the wage rate requirements set forth herein, those subrecipients shall have the primary responsibility to maintain payroll records as described in Section II-3(ii)(A), below and for compliance as described in Section II-5.

I. Requirements under FY 2010 Appropriations For Subrecipients That Are Governmental Entities:

The following terms and conditions specify how recipients will assist EPA in meeting its DB responsibilities when DB applies to EPA awards of financial assistance under the FY 2010 Appropriations with respect to State recipients and subrecipients that are governmental entities. If a subrecipient has questions regarding when DB applies, obtaining the correct DB wage determinations, DB provisions, or compliance monitoring, it may contact the State recipient. If a State recipient needs guidance, the recipient may contact Velma Smith, Project Officer for

guidance. The recipient or subrecipient may also obtain additional guidance from DOL's web site at http://www.dol.gov/esa/whd/recovery/

1. Applicability of the Davis- Bacon (DB) prevailing wage requirements.

Under the FY 2010 Appropriation, Davis-Bacon prevailing wage requirements apply to the construction, alteration, and repair of treatment works carried out in whole or in part with assistance made available by a State water pollution control revolving fund and to any construction project carried out in whole or in part by assistance made available by a drinking water treatment revolving loan fund. If a subrecipient encounters a unique situation at a site that presents uncertainties regarding DB applicability, the subrecipient must discuss the situation with the recipient State before authorizing work on that site.

2. Obtaining Wage Determinations.

(a) Subrecipients shall obtain the wage determination for the locality in which a covered activity subject to DB will take place prior to issuing requests for bids, proposals, quotes or other methods for soliciting contracts (solicitation) for activities subject to DB. These wage determinations shall be incorporated into solicitations and any subsequent contracts. Prime contracts must contain a provision requiring that subcontractors follow the wage determination incorporated into the prime contract.

(i) While the solicitation remains open, the subrecipient shall monitor www.wdol.gov weekly to ensure that the wage determination contained in the solicitation remains current. The subrecipients shall amend the solicitation if DOL issues a modification more than 10 days prior to the closing date (i.e. bid opening) for the solicitation. If DOL modifies or supersedes the applicable wage determination less than 10 days prior to the closing date, the subrecipients may request a finding from the State recipient that there is not a reasonable time to notify interested contractors of the modification of the wage determination. The State recipient will provide a report of its findings to the subrecipient.

(ii) If the subrecipient does not award the contract within 90 days of the closure of the solicitation, any modifications or supersedes DOL makes to the wage determination contained in the solicitation shall be effective unless the State recipient, at the request of the subrecipient, obtains an extension of the 90 day period from DOL pursuant to 29 CFR 1.6(c)(3)(iv). The subrecipient shall monitor www.wdol.gov on a weekly basis if it does not award the contract within 90 days of closure of the solicitation to ensure that wage determinations contained in the solicitation remain current.

(b) If the subrecipient carries out activity subject to DB by issuing a task order, work assignment or similar instrument to an existing contractor (ordering instrument) rather than by publishing a solicitation, the subrecipient shall insert the appropriate DOL wage determination from www.wdol.gov into the ordering instrument.

(c) Subrecipients shall review all subcontracts subject to DB entered into by prime contractors to verify that the prime contractor has required its subcontractors to include the applicable wage determinations.

(d) As provided in 29 CFR 1.6(f), DOL may issue a revised wage determination applicable to a subrecipient's contract after the award of a contract or the issuance of an ordering instrument if

DOL determines that the subrecipient has failed to incorporate a wage determination or has used a wage determination that clearly does not apply to the contract or ordering instrument. If this occurs, the subrecipient shall either terminate the contract or ordering instrument and issue a revised solicitation or ordering instrument or incorporate DOL's wage determination retroactive to the beginning of the contract or ordering instrument by change order. The subrecipient's contractor must be compensated for any increases in wages resulting from the use of DOL's revised wage determination.

3. Contract and Subcontract provisions.

(a) The Recipient shall insure that the subrecipient(s) shall insert in full in any contract in excess of $2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a treatment work under the CWSRF or a construction project under the DWSRF financed in whole or in part from Federal funds or in accordance with guarantees of a Federal agency or financed from funds obtained by pledge of any contract of a Federal agency to make a loan, grant or annual contribution (except where a different meaning is expressly indicated), and which is subject to the labor standards provisions of any of the acts listed in § 5.1 or the FY 2010 appropriation , the following clauses:

(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

Subrecipients may obtain wage determinations from the U.S. Department of Labor's web site, www.dol.gov.

(ii)(A) The subrecipient(s), on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The State award official shall approve a request for an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the subrecipient(s) agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), documentation of the action taken and the request, including the local wage determination shall be sent by the subrecipient (s) to the State award official. The State award official will transmit the request, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210 and to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification request within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.

(C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the subrecipient(s) do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the request and the local wage determination, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The request shall be sent to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt of the request and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the

contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

(2) Withholding. The subrecipient(s), shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the subrecipient, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State recipient or EPA. As to each payroll copy received, the subrecipient shall provide written confirmation in a form satisfactory to the State indicating whether or not the project is in compliance with the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and

subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the subrecipient(s) for transmission to the State or EPA if requested by EPA , the State, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the subrecipient(s).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees--

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or

with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

(5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

(6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may by appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

(7) Contract termination; debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

(8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

(9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and Subrecipient(s), State, EPA, the U.S. Department of Labor, or the employees or their representatives.

(10) Certification of eligibility.

(i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

4. **Contract Provision for Contracts in Excess of $100,000.**

(a) Contract Work Hours and Safety Standards Act. The subrecipient shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount in excess of $100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Item 3, above or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (a)(1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (a)(1) of this section, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (a)(1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The subrecipient, upon written request of the EPA Award Official or an authorized representative of the Department of Labor, shall withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (a)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (a)(1) through (4) of this section.

(b) In addition to the clauses contained in Item 3, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in 29 CFR 5.1, the Subrecipient shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the Subrecipient shall insert in any such contract a clause providing hat the records to be maintained under this paragraph shall be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

5. Compliance Verification

(a) The subrecipient shall periodically interview a sufficient number of employees entitled to DB prevailing wages (covered employees) to verify that contractors or suboontractors are paying the appropriate wage rates. As provided in 29 CFR 5.6(a)(6), all interviews must be conducted in confidence. The subrecipient must use Standard Form 1445 (SF 1445) or equivalent documentation to memorialize the interviews. Copies of the SF 1445 are available from EPA on request.

(b) The subrecipient shall establish and follow an interview schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, the subrecipient should conduct interviews with a representative group of covered employees within two weeks of each contractor or subcontractor's submission of its initial weekly payroll data and two weeks prior to the estimated completion date for the contract or subcontract. Subrecipients must conduct more frequent interviews if the initial interviews or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB . Subrecipients shall immediately conduct necessary interviews in response to an alleged violation of the prevailing wage requirements. All interviews shall be conducted in confidence.

(c) The subrecipient shall periodically conduct spot checks of a representative sample of weekly payroll data to verify that contractors or subcontractors are paying the appropriate wage rates. The subrecipient shall establish and follow a spot check schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, if practicable, the subrecipient should spot check payroll data within two weeks of each contractor or subcontractor's submission of its initial payroll data and two weeks prior to the completion date the contract or subcontract . Subrecipients must conduct more frequent spot checks if the initial spot check or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB. In addition, during the examinations the subrecipient shall verify evidence of fringe benefit plans and payments thereunder by contractors and subcontractors who claim credit for fringe benefit contributions.

(d) The subrecipient shall periodically review contractors and subcontractors use of apprentices and trainees to verify registration and certification with respect to apprenticeship and training programs approved by either the U.S Department of Labor or a state, as appropriate, and that contractors and subcontractors are not using disproportionate numbers of, laborers, trainees and apprentices. These reviews shall be conducted in accordance with the schedules for spot checks and interviews described in Item 5(b) and (c) above.

(e) Subrecipients must immediately report potential violations of the DB prevailing wage requirements to the EPA DB contact listed above and to the appropriate DOL Wage and Hour District Office listed at http://www.dol.gov/esa/contacts/whd/america2.htm.

II. Requirements under FY 2010 Appropriations Act For Subrecipients That Are Not Governmental Entities

The following terms and conditions specify how recipients will assist EPA in meeting its DB responsibilities when DB applies to EPA awards of financial assistance under the FY2010 Appropriations Act with respect to subrecipients that are not governmental entities. If a subrecipient has questions regarding when DB applies, obtaining the correct DB wage determinations, DB provisions, or compliance monitoring, it may contact the State recipient for guidance. If a State recipient needs guidance, the recipient may contact Velma Smith, Project

Officer, for guidance. The recipient or subrecipient may also obtain additional guidance from DOL's web site at http://www.dol.gov/esa/whd/recovery/

Under these terms and conditions, the subrecipient must submit its proposed DB wage determinations to the State recipient for approval prior to including the wage determination in any solicitation, contract task orders, work assignments, or similar instruments to existing contractors.

1._ Applicability of the Davis- Bacon (DB) prevailing wage requirements.

Under the FY 2010 Appropriation, Davis-Bacon prevailing wage requirements apply to the construction, alteration, and repair of treatment works carried out in whole or in part with assistance made available by a State water pollution control revolving fund and to any construction project carried out in whole or in part by assistance made available by a drinking water treatment revolving loan fund. If a subrecipient encounters a unique situation at a site that presents uncertainties regarding DB applicability, the subrecipient must discuss the situation with the recipient State before authorizing work on that site.

2. Obtaining Wage Determinations.

(a) Subrecipients must obtain proposed wage determinations for specific localities at www.wdol.gov. After the Subrecipient obtains its proposed wage determination, it must submit the wage determination to (insert contact information for State recipient DB point of contact for wage determination) for approval prior to inserting the wage determination into a solicitation, contract or issuing task orders, work assignments or similar instruments to existing contractors (ordering instruments unless subsequently directed otherwise by the State recipient Award Official.

(b) Subrecipients shall obtain the wage determination for the locality in which a covered activity subject to DB will take place prior to issuing requests for bids, proposals, quotes or other methods for soliciting contracts (solicitation) for activities subject to DB. These wage determinations shall be incorporated into solicitations and any subsequent contracts. Prime contracts must contain a provision requiring that subcontractors follow the wage determination incorporated into the prime contract.

(i) While the solicitation remains open, the subrecipient shall monitor www.wdol.gov. on a weekly basis to ensure that the wage determination contained in the solicitation remains current. The subrecipients shall amend the solicitation if DOL issues a modification more than 10 days prior to the closing date (i.e. bid opening) for the solicitation. If DOL modifies or supersedes the applicable wage determination less than 10 days prior to the closing date, the subrecipients may request a finding from the State recipient that there is not a reasonable time to notify interested contractors of the modification of the wage determination. The State recipient will provide a report of its findings to the subrecipient.

(ii) If the subrecipient does not award the contract within 90 days of the closure of the solicitation, any modifications or supersedes DOL makes to the wage determination contained in the solicitation shall be effective unless the State recipient, at the request of the subrecipient, obtains an extension of the 90 day period from DOL pursuant to 29 CFR 1.6(c)(3)(iv). The subrecipient shall monitor www.wdol.gov on a weekly

basis if it does not award the contract within 90 days of closure of the solicitation to ensure that wage determinations contained in the solicitation remain current.

(c) If the subrecipient carries out activity subject to DB by issuing a task order, work assignment or similar instrument to an existing contractor (ordering instrument) rather than by publishing a solicitation, the subecipient shall insert the appropriate DOL wage determination from www.wdol.gov into the ordering instrument.

(c) Subrecipients shall review all subcontracts subject to DB entered into by prime contractors to verify that the prime contractor has required its subcontractors to include the applicable wage determinations.

(d) As provided in 29 CFR 1.6(f), DOL may issue a revised wage determination applicable to a subrecipient's contract after the award of a contract or the issuance of an ordering instrument if DOL determines that the subrecipient has failed to incorporate a wage determination or has used a wage determination that clearly does not apply to the contract or ordering instrument. If this occurs, the subecipient shall either terminate the contract or ordering instrument and issue a revised solicitation or ordering instrument or incorporate DOL's wage determination retroactive to the beginning of the contract or ordering instrument by change order. The subrecipient's contractor must be compensated for any increases in wages resulting from the use of DOL's revised wage determination.

3. Contract and Subcontract provisions.

(a) The Recipient shall insure that the subrecipient(s) shall insert in full in any contract in excess of $2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a treatment work under the CWSRF or a construction project under the DWSRF financed in whole or in part from Federal funds or in accordance with guarantees of a Federal agency or financed from funds obtained by pledge of any contract of a Federal agency to make a loan, grant or annual contribution (except where a different meaning is expressly indicated), and which is subject to the labor standards provisions of any of the acts listed in § 5.1 or the FY 2010 appropriation , the following clauses:

(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination

for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

Subrecipients may obtain wage determinations from the U.S. Department of Labor's web site, www.dol.gov. .

(ii)(A) The subrecipient(s), on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The State award official shall approve a request for an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the subrecipient(s) agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), documentation of the action taken and the request, including the local wage determination shall be sent by the subrecipient(s) to the State award official. The State award official will transmit the report, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210 and to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification request within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.

(C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the and the subrecipient(s) do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the request, and the local wage determination, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The request shall be sent to the EPA Regional Coordinator concurrently. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt of the request and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

(2) Withholding. The subrecipient(s) shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the subrecipient, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State recipient or EPA. As to each payroll copy received, the subrecipient shall provide written confirmation in a form satisfactory to the State indicating whether or not the project is in compliance with the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the subrecipient(s) for transmission to the State or EPA if requested by EPA , the State, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the subrecipient(s).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees--

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a

percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

(5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

(6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may by appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

(7) Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

(8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1. 3. and 5 are herein incorporated by reference in this contract.

(9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and Subrecipient(s), State, EPA, the U.S. Department of Labor, or the employees or their representatives.

(10) Certification of eligibility.

(i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

4. **Contract Provision for Contracts in Excess of $100,000.**

(a) Contract Work Hours and Safety Standards Act. The subrecipient shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount in excess of $100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Item 3, above or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The subrecipient shall upon the request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.

(c) In addition to the clauses contained in Item 3, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in 29

CFR 5.1, the Subrecipient shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the Subrecipient shall insert in any such contract a clause providing that the records to be maintained under this paragraph shall be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the US Environmental Protection Agency and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

5. Compliance Verification

(a). The subrecipient shall periodically interview a sufficient number of employees entitled to DB prevailing wages (covered employees) to verify that contractors or subcontractors are paying the appropriate wage rates. As provided in 29 CFR 5.6(a)(6), all interviews must be conducted in confidence. The subrecipient must use Standard Form 1445 (SF 1445) or equivalent documentation to memorialize the interviews. Copies of the SF 1445 are available from EPA on request.

(b) The subrecipient shall establish and follow an interview schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, the subrecipient should conduct interviews with a representative group of covered employees within two weeks of each contractor or subcontractor's submission of its initial weekly payroll data and two weeks prior to the estimated completion date for the contract or subcontract. Subrecipients must conduct more frequent interviews if the initial interviews or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB. Subrecipients shall immediately conduct necessary interviews in response to an alleged violation of the prevailing wage requirements. All interviews shall be conducted in confidence.

(c). The subrecipient shall periodically conduct spot checks of a representative sample of weekly payroll data to verify that contractors or subcontractors are paying the appropriate wage rates. The subrecipient shall establish and follow a spot check schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, if practicable the subrecipient should spot check payroll data within two weeks of each contractor or subcontractor's submission of its initial payroll data and two weeks prior to the completion date the contract or subcontract. Subrecipients must conduct more frequent spot checks if the initial spot check or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB . In addition, during the examinations the subrecipient shall verify evidence of fringe benefit plans and payments thereunder by contractors and subcontractors who claim credit for fringe benefit contributions.

(d). The subrecipient shall periodically review contractors and subcontractors use of apprentices and trainees to verify registration and certification with respect to apprenticeship and training programs approved by either the U.S Department of Labor or a state, as appropriate, and that contractors and subcontractors are not using disproportionate numbers of, laborers, trainees and apprentices. These reviews shall be conducted in accordance with the schedules for spot checks and interviews described in Item 5(b) and (c) above.

(e) Subrecipients must immediately report potential violations of the DB prevailing wage requirements to the EPA DB contact listed above and to the appropriate DOL Wage and Hour District Office listed at http://www.dol.gov/esa/contacts/whd/america2.htm.

Attachment 25: FY 2011 Capitalization Grant Award with Conditions CA# CS-400002-11

U.S. ENVIRONMENTAL PROTECTION AGENCY

Assistance Amendment

GRANT NUMBER (FAIN): 40000211	
MODIFICATION NUMBER: 2	**DATE OF AWARD** 11/18/2011
PROGRAM CODE: CS	
TYPE OF ACTION No Cost Amendment	**MAILING DATE** 11/18/2011
PAYMENT METHOD: ACH	**ACH#** 60638

RECIPIENT TYPE:
State

Send Payment Request to:
Las Vegas Finance Center

RECIPIENT:
Oklahoma Water Resources Board
3800 N. Classen Blvd.
Oklahoma City, OK 73118
EIN: 73-6017987

PAYEE:
Oklahoma Water Resources Board
3800 N. Classen Blvd.
Oklahoma City, OK 73118

PROJECT MANAGER	EPA PROJECT OFFICER	EPA GRANT SPECIALIST
Jennifer Lee Wasinger 3800 N. Classen Blvd. Oklahoma City, OK 73118 **E-Mail:** jlwasinger@owrb.ok.gov **Phone:** (405) 530-8800	Tyrone Hoskins Water Quality Protection Division, 6WQ-AP **E-Mail:** Hoskins.Tyrone@epamail.epa.gov **Phone:** 214-665-7375	Belenthia Epps Grant Programs Section, 6MD-CG **E-Mail:** Epps.Belenthia@epamail.epa.gov **Phone:** 214-665-8390

PROJECT TITLE AND EXPLANATION OF CHANGES
Clean Water State Revolving Fund Capitalization Grant
This amendment revises programmatic condition number one.

BUDGET PERIOD	PROJECT PERIOD	TOTAL BUDGET PERIOD COST	TOTAL PROJECT PERIOD COST
07/01/2011 - 06/30/2013	07/01/2011 - 06/30/2013	$14,316,000.00	$14,316,000.00

NOTICE OF AWARD

Based on your application dated 03/09/2011, including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA), hereby awards $. EPA agrees to cost-share 83.33% of all approved budget period costs incurred, up to and not exceeding total federal funding of $11,930,000. Such award may be terminated by EPA without further cause if the recipient fails to provide timely affirmation of the award by signing under the Affirmation of Award section and returning all pages of this agreement to the Grants Management Office listed below within 21 days after receipt, or any extension of time, as may be granted by EPA. This agreement is subject to applicable EPA statutory provisions. The applicable regulatory provisions are 40 CFR Chapter 1, Subchapter B, and all terms and conditions of this agreement and any attachments.

ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)	AWARD APPROVAL OFFICE
ORGANIZATION / ADDRESS	**ORGANIZATION / ADDRESS**
Grant Programs Section, 6MD-CG 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733	U.S. EPA, Region 6 Water Quality Protection Division 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733

THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY

Digital signature applied by EPA Award Official Belenthia Epps - Grants Specialist — **DATE** 11/18/2011

Linda P. Lambert

AFFIRMATION OF AWARD

BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION

SIGNATURE	TYPED NAME AND TITLE	DATE
	Linda P. Lambert, Chairman	12-13-2011

EPA Funding Information

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	$ 11,930,000	$	$ 11,930,000
EPA In-Kind Amount	$ 0	$	$ 0
Unexpended Prior Year Balance	$ 0	$	$ 0
Other Federal Funds	$ 0	$	$ 0
Recipient Contribution	$ 0	$	$ 0
State Contribution	$ 2,386,000	$	$ 2,386,000
Local Contribution	$ 0	$	$ 0
Other Contribution	$ 0	$	$ 0
Allowable Project Cost	$ 14,316,000	$ 0	$ 14,316,000

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.458 - Capitalization Grants for State Revolving Fund	Clean Water Act: Secs. 205(m) 601-607	40 CFR PTS 31 & 35 SUBPRT K

Fiscal

Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation

Budget Summary Page

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	$0
2. Fringe Benefits	$0
3. Travel	$0
4. Equipment	$0
5. Supplies	$0
6. Contractual	$0
7. Construction	$0
8. Other	$14,316,000
9. Total Direct Charges	$14,316,000
10. Indirect Costs: % Base	$0
11. Total (Share: Recipient 16.67 % Federal 83.33 %.)	$14,316,000
12. Total Approved Assistance Amount	$11,930,000
13. Program Income	$0
14. Total EPA Amount Awarded This Action	$0
15. Total EPA Amount Awarded To Date	$11,930,000

Administrative Conditions

24. EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE BASIC ASSISTANCE AGREEMENT, INCLUDING PRIOR AMENDMENTS, REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

Programmatic Conditions

Revised Condition Number One

1. The State agrees to administer the State Revolving Fund (SRF) Program in accordance with presentations made within the Application for Federal Assistance dated March 9, 2011, and the Intended Use Plan (IUP) which are incorporated by reference into this grant agreement, provided that, if a presentation in the IUP or the application conflicts with a term and condition contained herein, the term and condition shall take precedence. **$2,386,000** of this grant **will be restricted** until the additional subsidy and green requirements are met as described in the FY 2011 Procedures. (Additional conditions previously attached to initial award and amendment number one.)

RECEIVED
NOV 21 2011
Oklahoma Water Resources Board

U.S. ENVIRONMENTAL PROTECTION AGENCY

Assistance Amendment

ASSISTANCE ID NO.			DATE OF AWARD
PRG	DOC ID	AMEND#	09/23/2011
CS -	40000211	- 1	
TYPE OF ACTION Augmentation: Increase			MAILING DATE 09/30/2011
PAYMENT METHOD: ACH			ACH# 60638

RECIPIENT TYPE:	Send Payment Request to:
State	Las Vegas Finance Center
RECIPIENT:	**PAYEE:**
Oklahoma Water Resources Board 3800 N. Classen Blvd. Oklahoma City, OK 73118 **EIN:** 73-6017987	Oklahoma Water Resources Board 3800 N. Classen Blvd. Oklahoma City, OK 73118

PROJECT MANAGER	EPA PROJECT OFFICER	EPA GRANT SPECIALIST
Jennifer Lee Wasinger 3800 N. Classen Blvd. Oklahoma City, OK 73118 **E-Mail:** jlwasinger@owrb.ok.gov **Phone:** (405) 530-8800	Tyrone Hoskins Water Quality Protection Division, 6WQ-AP **E-Mail:** Hoskins.Tyrone@epamail.epa.gov **Phone:** 214-665-7375	Belenthia Epps Grant Programs Section, 6MD-CG **E-Mail:** Epps.Belenthia@epamail.epa.gov **Phone:** 214-665-8390

PROJECT TITLE AND EXPLANATION OF CHANGES
Clean Water State Revolving Fund Capitalization Grant
This amendment increases funding by $11,044,140 for a total of $14,316,000.

BUDGET PERIOD	PROJECT PERIOD	TOTAL BUDGET PERIOD COST	TOTAL PROJECT PERIOD COST
07/01/2011 - 06/30/2013	07/01/2011 - 06/30/2013	$14,316,000.00	$14,316,000.00

NOTICE OF AWARD

Based on your application dated 03/09/2011, including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA), hereby awards $9,203,450. EPA agrees to cost-share 83.33% of all approved budget period costs incurred, up to and not exceeding total federal funding of $11,930,000. Such award may be terminated by EPA without further cause if the recipient fails to provide timely affirmation of the award by signing under the Affirmation of Award section and returning all pages of this agreement to the Grants Management Office listed below within 21 days after receipt, or any extension of time, as may be granted by EPA. This agreement is subject to applicable EPA statutory provisions. The applicable regulatory provisions are 40 CFR Chapter 1, Subchapter B, and all terms and conditions of this agreement and any attachments.

ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)	AWARD APPROVAL OFFICE
ORGANIZATION / ADDRESS	**ORGANIZATION / ADDRESS**
Grant Programs Section, 6MD-CG 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733	U.S. EPA, Region 6 Water Quality Protection Division 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733

THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY

SIGNATURE OF AWARD OFFICIAL	TYPED NAME AND TITLE	DATE
Digital signature applied by EPA Award Official	Lynda F. Carroll, Assistant Regional Administrator for Management (6MD)	09/23/2011

AFFIRMATION OF AWARD

BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION

SIGNATURE	TYPED NAME AND TITLE	DATE
Linda P. Lambert	~~Rudolf J. Herrmann, Chairman~~ Linda P. Lambert	10/17/11

Linda P. Lambert, Chairman

EPA Funding Information

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	$ 2,726,550	$ 9,203,450	$ 11,930,000
EPA In-Kind Amount	$ 0	$	$ 0
Unexpended Prior Year Balance	$ 0	$	$ 0
Other Federal Funds	$ 0	$	$ 0
Recipient Contribution	$ 0	$	$ 0
State Contribution	$ 545,310	$ 1,840,690	$ 2,386,000
Local Contribution	$ 0	$	$ 0
Other Contribution	$ 0	$	$ 0
Allowable Project Cost	$ 3,271,860	$ 11,044,140	$ 14,316,000

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.458 - Capitalization Grants for State Revolving Fund	Clean Water Act: Secs. 205(m) 601-607	40 CFR PTS 31 & 35 SUBPRT K

Fiscal

Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
-	1106WD0019	11	E2	064K	202B80E	4111	11CA	-	9,203,450
									9,203,450

Budget Summary Page

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	$0
2. Fringe Benefits	$0
3. Travel	$0
4. Equipment	$0
5. Supplies	$0
6. Contractual	$0
7. Construction	$0
8. Other	$14,316,000
9. Total Direct Charges	$14,316,000
10. Indirect Costs: % Base	$0
11. Total (Share: Recipient 16.67 % Federal 83.33 %.)	$14,316,000
12. Total Approved Assistance Amount	$11,930,000
13. Program Income	$0
14. Total EPA Amount Awarded This Action	$9,203,450
15. Total EPA Amount Awarded To Date	$11,930,000

D. The State will ensure that the cumulative amount of State match drawn into the fund will always be at least equal to 16.67% of the cumulative amounts of both State match and Federal funds drawn into the fund as specified at 40 CFR 35.3155 (d)(5). Interest earned on fund balances will remain in the fund.

4. The principal "PARTS" of 40 CFR applicable to this grant are:

   PART 32 "Debarment and Suspension under EPA Assistance Programs:" and PART 35 "State Revolving Fund Program Implementation Regulation Rule."

   The State will not provide loan assistance from the SRF to applicants for the non-federal share of costs of treatment work projects for which such recipient is receiving assistance from EPA under any other authority. Additionally, the State will restrict use of the federally capitalized fund for loan and bond subsidies.

5. Projects which began construction prior to March 7, 1985, will not be given financial assistance through refinancing, even if debt was incurred after March 7, 1985.

6. The State agrees to submit an Annual Report to the Regional Administrator on the actual uses of the SRF within 90 days after the end of the State Fiscal Year.

7. The Regional office will generally complete the SRF Annual Review within 120 days after receipt of the SRF Annual Report.

8. The State represents that it has previously certified that it will assist EPA in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended and such certification has been submitted to EPA. The State shall carry out the requirements of 36 CFR 800 et seq., and all applicable standards and guidelines of the Advisory Council on Historic Preservation for all SRF activities receiving EPA assistance.

9. In accordance with 40 CFR Part 35.3165, the State may conduct or arrange to have conducted an annual independent financial and compliance audit of its SRF program (in accordance with generally accepted government auditing standards which are usually defined, but not limited to, those contained in the U. S. General ccounting Office (GAO) publication "Government Auditing Standards," as revised). The audit report must contain: an opinion on the financial statements of the SRF: a report on the internal controls: and a report on compliance with Title VI of the Clean Water Act (CWA). The State audit report should be completed within one year of the end of the State SRF fiscal year. Three copies of the report should be submitted to the EPA Regional Office. These audits may be done in conjunction with audits conducted in accordance with the Single Audit Act. However, Single Audit Act audits will not replace this requirement or vice versa.

10. Funds used from the Clean Water State Revolving Fund (CWSRF) for administrative expenses will not exceed four percent (4%) of the cumulative amount of the grant awards, in accordance with 40 CFR Section 35.3120(g)(1). Expenses of the SRF in

Administrative Conditions

24. EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE BASIC ASSISTANCE AGREEMENT, INCLUDING PRIOR AMENDMENTS, REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

Programmatic Conditions

FY 11 Capitalization Grant (utilizing FY 11 Allotment), CS-400002-11-1

Programmatic Conditions

1. The State agrees to administer the State Revolving Fund (SRF) Program in accordance with presentations made within the Application for Federal Assistance dated March 9, 2011, and the Intended Use Plan (IUP) which are incorporated by reference into this grant agreement, provided that, if a presentation in the IUP or the application conflicts with a term and condition contained herein, the term and condition shall take precedence. **$3,579,000** of this grant will be restricted until the additional subsidy and green requirements are met as described in the FY 2011 Procedures. See attached Conditions

2. The State agrees to comply with the terms and conditions of the Operating Agreement between the Oklahoma Water Resources Board (OWRB) and the U.S. Environmental Protection Agency, Region 6, as revised, which is incorporated herein by this reference, in administering the State Revolving Fund Program.

3. Grant Payments:

   A. The State agrees to accept payments from EPA (as increases to the amount of funds available in the EPA/ACH Payment System) in quarterly installments in accordance with the following schedule:

   1st Qtr FFY 2012 $ 3,976,666
   2nd Qtr FFY 2012 $ 3,976,667
   3rd Qtr FFY 2012 $ 3,976,667

   B. The State agrees to deposit into its SRF at least 20 percent of the amount of each grant payment on or before the date on which the State receives each payment from this capitalization grant. If the State maintains its match in an LOC or other financial arrangement similar to the Federal LOC, the State's proportional share must be converted to cash when the Federal LOC is drawn upon.

   C. Each request for cash draw from the EPA/ACH Payment System must be submitted separately from requests for other program cash draws from the EPA/ACH Payment System.

excess of that amount must be paid from other sources outside the CWSRF.

Unless further relief from this requirement is provided for in the FY 2011 Appropriations Bill, beginning in FY 2011, costs for administering the CWSRF that are included within loans and disbursed from the CWSRF are to be calculated as part of the four percent (4%) administrative ceiling set by Title VI of the Clean Water Act.

11. CWSRF administrative fees earned during the grant period, and held in accounts outside the CWSRF, shall only be used for purposes directly related to the CWSRF program. However, administrative fees earned after the grant period may be used for various water quality activities. The uses of all fees must be consistent with EPA "Guidance on Fees Charged by States to Recipients of CWSRF Program Assistance", issued October 20, 2005. Fees held in said accounts shall be audited and reported upon annually. Interest earned on said fees will only be used for water quality activities or for the combined financial administration of the CWSRF and DWSRF Funds where the programs are administered by the same State agency.

12. The assistance recipient agrees to comply with Executive Order 13202 (Feb. 22, 2001, 66 Fed. Reg. 11225) of February 17, 2001, entitled "Preservation of Open Competition and Government Neutrality Towards Government Contractors' Labor Relations on Federal and Federally Funded Construction Projects," as amended by Executive Order 13208 (April 11, 2001, 66 Fed. Reg. 18717) of April 6, 2001, entitled "Amendment to Executive Order 13202, Preservation of Open Competition and Government Neutrality Towards Government Contractors' Labor Relations on Federal and Federally Funded Construction Projects."

13. The State of Oklahoma has determined that the cash draw proportionality ratio for its CWSRF program cash draws from the EPA ACH system will be 16.67% State and 83.33% Federal, in accordance with regulations governing cash draws at 40 CFR 35.3160(d)(4) and the Guide to Using EPA's Automated Clearing House for the State Revolving Fund Program. However, to satisfy State requirements, it is agreed the State is permitted to draw State match funds at a rate of 100% until such funds are exhausted, after which the State will draw 100% Federal funds, provided this process does not alter any other requirement that would have been in effect had the 16.67% - 83.33% ratio been used.

14. To address the performance measures for the CWSRF Fiscal Year (SFY 2011) program, the OWRB will complete the Environmental Benefits form (version dated 2-15-05) for each CWSRF project loan closed during Fiscal Year 2011 and will include the information in the SFY 2011 CWSRF Annual Performance Report.

15. The State agrees that the projects or activities assisted with funds "directly made available by" capitalization grants, will comply with cross-cutting authorities, and the State will notify the Regional Administrator when consultation or coordination with other Federal agencies is necessary to resolve compliance issues.

16. Wage Rate Requirements:

a. CWSRF: The recipient agrees to include in all agreements to provide assistance for the construction of treatment works carried out in whole or in part with such assistance made available by a State water pollution control revolving fund as authorized by title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.), or with such assistance made available under section 205(m) of that Act (33 U.S.C. 1285(m)), or both, a term and condition requiring compliance with the requirements of section 513 of that Act (33 U.S.C. 1372) in all procurement contracts and sub-grants, and require that loan recipients, procurement contractors and sub-grantees include such a term and condition in subcontracts and other lower tiered transactions. All contracts and subcontracts for the construction of treatment works carried out in whole or in part with assistance made available as stated herein shall insert in full in any contract in excess of $2,000 the contract clauses as attached hereto entitled "Wage Rate Requirements Under FY 2011 Full-Year Continuing Appropriation." The Fiscal Year (FY) 2011 Full-Year Continuing Appropriations Act (P.L. 112-10) carries forward requirements from the FY 2010 Appropriations Act (P.L. 111-88) affecting both the Clean Water and the Drinking Water State Revolving Fund (SRF) programs for FY 2011.

17. EPA may terminate the assistance agreement for failure of the recipient to make sufficient progress so as to reasonably ensure completion of the project within the project period, including any extensions. EPA will measure sufficient progress by examining the performance required under the work plan in conjunction with the milestone schedule, the time remaining for performance within the project period, and/or the availability of funds necessary to complete the project.

18. The final allotment for states will be adjusted or may be rescinded as the budget dictates.

See the attached supplemental conditions

Procedures for Implementing Certain Provisions of EPA's Fiscal Year 2011 Full-Year Continuing Appropriation Affecting the Clean Water and Drinking Water State Revolving Fund Programs.

I. PURPOSE

The Fiscal Year (FY) 2011 Full-Year Continuing Appropriations Act (P.L. 112-10) carries forward requirements from the FY 2010 Appropriations Act (P.L. 111-88) affecting both the Clean Water and the Drinking Water State Revolving Fund (SRF) programs for FY 2011. These procedures address the implementation of the requirements and set forth administration priorities.

II. Administration Priorities

On June 16, 2009, EPA joined with the U.S. Department of Housing and Urban Development (HUD) and the U.S. Department of Transportation (DOT) to help improve access to affordable housing, more transportation options, and lower transportation costs while protecting the environment in communities nationwide. It is the goal of this partnership to discourage sprawl and encourage or incentivize locationally efficient investments, smart growth practices, and green infrastructure development.

As a result of this partnership, a set of guiding livability principles have been developed. The Livability Principles can be found at www.epa.gov/smartgrowth/partnership/index.html#livabilityprinciples and include: (1) Provide more transportation choices, (2) Promote equitable, affordable housing, (3) Increase economic competitiveness, (4) support existing communities, (5) Leverage federal investment, and (6) Value communities and neighborhoods. EPA recognizes that the first priority for States is protection of water quality (in the CWSRF) and public health (in the DWSRF). However, in the CWSRF[1] program States should not encourage the expansion of centralized infrastructure to accommodate growth where there are available projects that repair, replace, and upgrade infrastructure in existing communities. As a matter of an administration priority for both programs, EPA will increase its emphasis on the importance of directing SRF assistance to projects that support sustainable systems and

[1] Recognizing the explicit, statutory prohibition against funding growth in the DWSRF.

that help build or maintain the technical, financial, and managerial capacity of the recipient.

III. Application Requirements

A. Intended Use Plan (IUP)

A State's Intended Use Plan (IUP) will be submitted as part of its application for a capitalization grant under the FY 2011 Full-Year Continuing Appropriation. Both SRFs, the IUP must contain a description of the intended uses of the Additional Subsidization and the Green Project Reserve (GPR).

The IUP must contain GPR projects whose total SRF assistance is at least equal to 20 percent of the state's FY 2011 capitalization grant. For projects identified as GPR projects, the IUP must indicate which type of GPR project it is, whether it is a categorical GPR project or requires a business case, and how much of the project's cost is applicable to GPR. If a State has insufficient GPR projects to meet this threshold at the time of its submittal for a capitalization grant, the Region may award the grant with the requirement that the State submit an amended project list identifying projects equal to the remaining portion of the GPR requirement at a later date. The amended project list must be submitted prior to the funding of the additional GPR projects. For the DWSRF, any projects added thereafter must also be submitted in a further amended project list. For the CWSRF, all substitutions or changes to projects after an amended project list has been submitted must be identified in the Annual Report[2]. If a State plans to fund CWSRF decentralized wastewater systems projects, then only the activity and the amount need to be identified in the IUP, but the complete list of projects would be included in the Annual Report.

The IUP shall include the criteria the State plans to use in determining the type and amount of additional subsidy that may be made available to assistance recipients listed in the IUP. To the extent practicable, the projects that will receive the additional subsidy and the amount should be shown in the IUP. Any eligible recipient of SRF funds may receive the additional subsidy.

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[2] All references to the Annual Report pertain to the CWSRF Annual Report and the DWSRF Biennial Report.

Because the percentage requirements for GPR and the additional subsidy are linked to a single year's appropriation, EPA cannot allow credit for amounts above those percentage requirements to be banked.

B. Grant Conditions

The FY 2011 Full-Year Continuing Appropriation includes requirements that are not in the rules for either SRF; EPA will ensure implementation of these requirements through terms and conditions that will be applied to the capitalization grant award. Additional clarification is provided in these Procedures and may be provided as needed hereafter, generally through guidance that further explains means of compliance with the terms and conditions. Grant conditions to be included in FY 2011 capitalization grants are attached (Attachment 1).

IV. FY 2011 Requirements

A. Green Project Reserve (GPR)

The FY 2011 Full-Year Continuing Appropriation Act carries forward the FY 2010 provision which states that : "*Provided*, That for fiscal year 2010, to the extent there are sufficient eligible project applications, not less than 20 percent of the funds made available under this title to each State for Clean Water State Revolving Fund capitalization grants and not less than 20 percent of the funds made available under this title to each State for Drinking Water State Revolving Fund capitalization grants shall be used by the State for projects to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities." These four categories of projects are the components of the GPR.

Projects meeting GPR criteria will follow the same process as all other SRF projects. Criteria for determining CWSRF and DWSRF GPR eligibility can be found in Attachment 2, "2011 Clean Water and Drinking Water State Revolving Fund 20% Green Project Reserve: Guidance for Determining Project Eligibility". Projects clearly eligible for GPR are known as categorically eligible projects. A list of categorically eligible projects can be found in the GPR guidance mentioned above. Projects not found to be categorically eligible will need business cases. A business case needs to provide a well documented justification for a project to be

considered a GPR project. States must review all business cases to determine GPR eligibility and post them on the State's website by the end of the quarter in which the loan is made.

The Clean Water Act and the Safe Drinking Water Act articulate different requirements for project ranking systems used by States to prioritize projects in the Clean Water and Drinking Water SRF programs.

State CWSRF systems for ranking projects are based upon achieving optimum water quality management. All Section 212 projects must be ranked using a State's priority setting system. However, while it is common practice to fund projects in priority order, based upon readiness to proceed, States are not required to fund projects in priority order. Section 319 projects and Section 320 projects that do not meet the Section 212 eligibility definition do not need to be ranked. The GPR requirements specified in the FY 2011 Full-Year Continuing Appropriation require States to use an amount equal to at least 20 percent of the FY 2011 capitalization grant for GPR projects. Consequently, States are required to select GPR eligible projects that equal at least 20 percent of the FY 2011 capitalization grant, regardless of the projects' ranking in the CWSRF State priority setting system.

DWSRF systems for ranking projects must give priority for the use of funds to projects that address the most serious risk to public health, are necessary to ensure compliance with the requirements of the Safe Drinking Water Act (SDWA), and that assist systems most in need on a per household basis according to State affordability criteria. DWSRF programs must assign every project a priority and, to the extent known, an expected funding schedule, which are published in its Intended Use Plan (IUP). Once fundable projects have been identified, they are, to the maximum extent practicable, to be funded in priority order. Departures from the priority ranking are subject to certain program requirements including use of any procedures included in the IUP which would allow a State to bypass projects on the fundable list.

DWSRF projects that are qualified (in whole or in part) for GPR should be ranked on the same State priority list with non-GPR projects, but must be identified as GPR projects on those lists. Once ranked they should be selected separately from non-GPR projects, using the same priority system principles described above, until the total value of executed

assistance agreements in qualified GPR projects totals an amount equal to at least 20 percent of the State's capitalization grant for FY 2011. In other words, GPR projects are identified as GPR and are ranked along with all eligible projects on the priority list but are selected for funding in a separate process for GPR projects only, until the 20 percent requirement is met.

A State will have met the 20 percent requirement when an amount equal to at least 20 percent of its FY 2011 capitalization grant allotment is in executed assistance agreements for qualifying GPR projects. If a GPR project is underbid and a State has not met the required 20 percent for GPR, the difference between the amount in the executed assistance agreement and the winning bid must be used for another GPR project(s). If upon completion of a GPR project, the invoiced amount is less than the amount in the executed loan agreement, the difference does not have to be used for GPR and may be used for any other SRF project(s).

States that have sufficient qualified projects to meet the GPR do not need to solicit additional projects. States that do not have sufficient projects to meet the GPR requirement must continue to actively solicit and accept applications. States may not decline to consider funding applications for qualified GPR projects unless the 20 percent requirement has been met. Please note that States cannot use State level prohibitions, whether based on State statute, regulation, or policy, on funding the types of projects targeted by the GPR as a justification for insufficient applications.

Waivers

States have sufficient time for the solicitation of eligible GPR project applications to meet the minimum GPR threshold of 20 percent. Accordingly, EPA strongly encourages States to put forth every effort to meet the 20 percent GPR requirement in the 2011 Full-Year Continuing Appropriations Act.[3] However, if at any time, a State determines that it cannot meet the 20 percent GPR requirement and has fully complied with

[3] The SRF capitalization grant award and project selection and funding process is well established. States have two years to receive their capitalization grant, including in this instance FY 2011 and 12. Once a payment is made, a binding commitment for projects equaling that amount must be entered into within one year. There is no statutory deadline beyond the binding commitments for SRF projects to be under contract or construction. Notwithstanding the above, States are encouraged to expeditiously utilize available funds for high priority water infrastructure projects.

the process identified in attached Term and Condition 4, including a demonstration of compliance with most or all of the actions listed below, they may request a waiver from EPA. Any requests for a waiver from the GPR requirement based on insufficient project applications will be reviewed by EPA Headquarters on a case by case basis. EPA will use the following sample actions as a guide when deciding whether to approve or disapprove a State's request for a waiver from GPR:

- Prominent messages on State SRF and green infrastructure websites;
- Notification clearly soliciting funding applications for projects eligible for GPR sent to all municipalities in the State;
- Targeted meetings with State programs associated with green infrastructure, water and energy efficiency, and other environmentally innovative projects;
- Notification clearly soliciting funding applications for projects eligible for GPR sent to mailing lists used by the aforementioned State programs;
- Targeted meetings with associations, watershed organizations and environmental groups involved in green infrastructure, water and energy efficiency and other environmentally innovative projects;
- Notification clearly soliciting funding applications for projects eligible for GPR sent to mailing lists and members of aforementioned associations, watershed organizations and environmental groups.

If EPA approves a State's request for relief from the GPR requirement, then the portion of the GPR for which there are no qualified applications can be used for other conventional, eligible projects. If EPA does not approve a State's request, then the State must continue trying to solicit projects.

The following describes the roles and responsibilities for States, EPA Regions and EPA Headquarters in meeting the GPR requirement.

a. State Roles: States are responsible for proactively soliciting projects that satisfy the GPR requirements. After projects are ranked and selected, the States will include a list of GPR projects in the IUP that clearly identifies categorically GPR projects and those that require a business case. The business cases for non-

categorical GPR projects do not need to accompany the IUP through the public review process nor do they need to be submitted to EPA. States are responsible for reviewing all GPR business cases and posting them on the State's website. The posting of a business case must occur by the end of the quarter in which the loan is made.

b. EPA Regional Role: EPA reviews the list of GPR projects in the IUP to ensure the projects listed as categorical GPR projects match the 2011 GPR Guidance and to ensure that States are meeting the 20 percent GPR requirement. During the State annual review, Regions will review all business cases and evaluate compliance with the GPR requirement. In addition to reviewing business cases, Regions will select at least one GPR project file for review each year.

c. EPA Headquarters Role: EPA Headquarters has developed Procedures and GPR Eligibility Guidance (Attachment 2) that establish eligibility for use of the GPR and will help States identify GPR projects. EPA Headquarters will review and approve/disapprove all GPR waiver requests.

B. Additional Subsidies

The additional subsidy provision carried forward from the FY 2010 Appropriation Act states that "*Provided further*, That not less than 30 percent of the funds made available under this title to each State for Clean Water State Revolving Fund capitalization grants and not less than 30 percent of the funds made available under this title to each State for Drinking Water State Revolving Fund capitalization grants shall be used by the State to provide additional subsidy to eligible recipients in the form of forgiveness of principal, negative interest loans, or grants (or any combination of these), except that for the Clean Water State Revolving Fund capitalization grant appropriation this section shall only apply to the portion that exceeds $1,000,000,000."

EPA recognizes that the first priority for States is protection of water quality (in the CWSRF) and public health (in the DWSRF). However, the additional subsidies provision in the FY 2011 Full-Year Continuing

Appropriation, as a departure from the historical practice in the base program of both SRFs, raises some challenging issues for States. The resolution of these issues can be usefully informed by the consideration and appropriate application of relevant Livability Principles in the HUD-DOT-EPA Partnership, particularly Principles 4, 5, and 6. The following discussion draws on these Principles to illuminate the considerations States should address in meeting the additional subsidies requirement of the FY 2011 capitalization grant.

1. Targeting Subsidy

a. The FY 2010 Conference Report language states that "The conferees believe that priority for additional subsidies should be given to projects in communities that could not otherwise afford such projects and directs the Agency and the States to track how these subsidies are used and by what types of communities." This language applies to both the CWSRF and DWSRF programs.

Any eligible recipient of assistance from a State Revolving Fund may receive additional subsidization. While State programs may adopt their own policies regarding distribution of additional subsidies, the Conference Report and EPA strongly encourage programs to target, as a priority, the additional subsidies to communities that could not otherwise afford an SRF loan. These communities may include, for example, disadvantaged communities or environmental justice communities. The report language requires EPA and the States to track how the subsidies are used.

b. In the base programs, the SRFs are structured to leverage the federal investment, through an expanding Fund that – as it revolves – draws in repayments and interest as well as leveraged bond proceeds (in many States). Under this additional subsidization requirement, where a large amount of base program capitalization grant funds will not revolve, EPA believes that it is prudent to include new specifications in the capitalization agreements with States that ensure that the additional subsidies are funding infrastructure that supports existing communities and is sustainable. However, in the CWSRF[4] program States should not encourage the

[4] Recognizing the explicit, statutory prohibition against funding growth in the DWSRF.

expansion of centralized infrastructure to accommodate growth where there are available projects that repair, replace, and upgrade infrastructure in existing communities. As a matter of an administration priority for both programs, EPA will increase its emphasis on the importance of directing SRF assistance to projects that support sustainable systems and that help build or maintain the technical, financial, and managerial capacity of the recipient.

By providing the additional subsidies only to communities that lack the ability to afford necessary projects to protect public health and the environment, the SRF programs affirmatively support communities in achieving clean and safe water.

c. Section 602(a) of the CWA and section 1452(a)(3)(A)(i) of SDWA provides the authority to add such new specifications to the capitalization grant. CWA Section 602(a) specifies that the "State shall enter into an agreement with the Administrator which shall include but not be limited to the specifications set forth in subsection (b)…." SDWA Section 1452(g)(3)(A) authorizes EPA to publish guidance "to ensure that each State commits and expends funds allotted to the State under this section as efficiently as possible." Therefore, EPA is adding a grant condition to all FY 2011 CWSRF and DWSRF capitalization grants (see Attachment 1).

The State Annual Report must include an explanation as to how the State did or did not address the provisions of the term and condition on sustainability.

2. Types of Additional Subsidies

a. Principal Forgiveness. A SRF may provide assistance in the form of principal forgiveness. Principal forgiveness must be specified at the execution of the loan agreement for the amount forgiven to be counted against the total required to be provided as additional subsidization. The amount counted against the requirement is the amount of principal forgiven.

b. Negative-Interest Loans. A SRF may provide assistance in the form of negative-interest loans. A negative-interest loan is a loan for which the rate of interest is such that the total payments over the life of the loan are less than the principal of the loan. The negative-interest rate must be included in the loan agreement at the time of execution to be counted against the total required to to be provided as additional subsidization. The amount counted against the requirement is the difference between the principal of the loan and the total payments expected over the life of the loan.

c. Grants. A SRF may provide assistance in the form of a grant. The grant must be provided at the time of assistance agreement execution to be counted against the total required to be provided as additional subsidization. The amount counted against the requirement is the total grant amount included in the agreement. It should be noted that grant recipients under this provision are considered "subgrantees" for the purposes of EPA's grant regulations, as detailed below in section 5.

3. Calculation of Additional Subsidization for the CWSRF program.

a. Of the $1,521,950,000 provided by the FY 2011 Full-Year Continuing Appropriation, $1,446,940,000 is available for capitalization grants to the 51 CWSRF programs after accounting for the set-asides and territory allocations. The additional subsidization provision only applies to $446,940,000, or the portion of the $1,446,940,000 available for capitalization grants that exceeds $1 billion.

b. Nationally, the maximum amount of additional subsidization that may be provided is $446,940,000 and the minimum amount that must be provided is $134,082,000, which is 30 percent of $446,940,000. The CWSRF programs should refer to the table included in policy memorandum *CWSRF 11-01: Availability of FY 2011 Clean Water Act Title VI Funds* issued on May 6, 2011 for State specific amounts of maximum and minimum additional subsidization. A copy of the table is also attached (Attachment 3).

4. Calculation of Additional Subsidization for the DWSRF program.

Each of the 51 DWSRF programs should multiply their capitalization grant amount by .30 to obtain the 30 percent floor that must be provided as additional subsidization. A table is provided as an attachment (Attachment 4).

5. Laws, Regulations and Requirements for Assistance Agreements that are in the Form of Grants

The 2011 Full-Year Continuing Appropriation carries forward language that allows States to provide grants to eligible recipients. All EPA grants must comply with certain Federal law, Executive Orders, and OMB Circulars. A detailed description of these laws, orders and implementing regulations is available through the OGD Grants Intranet website at http://intranet.epa.gov/ogd or on the internet at http://www.epa.gov/ogd/grants/regulations.htm.

a. The regulations at 40 CFR Part 31 apply to grants and cooperative agreements awarded to State and local (including tribal) governments. The regulations at 40 CFR Part 30 apply to grants with nonprofit organizations and with non-governmental for-profit entities. Note that the latter grants cannot be made with DWSRF funds except to eligible public water systems.

b. EPA's Assistance Administration Manual 5700 outlines Agency policy on the award and management of subawards, *"Policy on Subawards Under Assistance Agreement"*. The policy applies to subaward work under awards and supplemental amendments issued after May 15, 2007. The policy clarifies subrecipient eligibility, addresses subaward competition requirements, and provides guidance regarding the distinctions between procurement contracts and subawards. It also includes special considerations regarding subawards to 501(c)(4) and for-profit organizations, and subawards to foreign/international organizations or any entity performing work in a foreign country. The policy is primarily implemented through an administrative National Term and Condition for Subawards. The subaward policy can be found at http://intranet.epa.gov/ogd/ (under Update 3) and at http://www.epa.gov/ogd/grants/regulations.htm.

6. Grants to Non-Profit Organizations.

Funds appropriated can, under certain circumstances, be used for grants to nonprofit organizations. Such grants to nonprofit organizations cannot be made with DWSRF funds except to eligible public water systems. Grants cannot be awarded to a nonprofit organization classified by the Internal Revenue Service as a 501(4) organization unless that organization certifies that it will not engage in lobbying activities, even with their own funds (see Section 18 of the Lobbying Disclosure Act, 2 U.S.C.A § 1611).

C. Davis-Bacon Requirements

The Davis-Bacon provision carried forward to FY 2011 from the FY 2010 Appropriation Bill states that: "For fiscal year 2010 the requirements of section 513 of the Federal Water Pollution Control Act (33 U.S.C. 1372) shall apply to the construction of treatment works carried out in whole or in part with assistance made available by a State water pollution control revolving fund as authorized by title VI of that Act (33 U.S.C. 1381 et seq.), or with assistance made available under section 205(m) of that Act (33 U.S.C. 1285(m)), or both."

"For fiscal year 2010 the requirements of section 1450(e) of the Safe Drinking Water Act (42 U.S.C. 300j-9(e)) shall apply to any construction project carried out in whole or in part with assistance made available by a drinking water treatment revolving loan fund as authorized by section 1452 of that Act (42 U.S.C. 300j-12)."

Regarding the assistance agreements affected by this provision, the procedures are found in EPA memoranda of November 30, 2009 and May X, 2011, subject: "Application of Davis-Bacon Wage Act Requirements to Fiscal Year 2010 CWSRF and DWSRF Assistance Agreements" and "Application of Davis-Bacon Wage Act Requirements to Fiscal Year 2011 CWSRF and DWSRF Assistance Agreements" (Attachment 5).

EPA is also adding the attached terms and conditions regarding wage rate requirements to all CWSRF and DWSRF FY 2011 capitalization grants. Additional information on compliance with the Davis-Bacon requirements is

included in Attachment 6. In FY 2011, EPA will provide, as needed, additional technical assistance.

D. Reporting Requirements

The conference report (H. Rpt. 111-316, at 166) for the FY 2010 Appropriation directs EPA and the States not only to track how additional subsidies are used, but also "by what types of communities." The language of the FY 2010 conference report carries forward for FY 2011. States shall report quarterly in the CWSRF Benefits Reporting (CBR) and DWSRF Project Benefits Reporting (PBR) systems on the use of all SRF funds. This information will also need to be included in the Annual Report. Quarterly reporting shall include use of the funds for the GPR and Additional Subsidization as described in D1 below, as well as information on the environmental benefits of SRF assistance agreements, as described in D2.

1. Data Elements

For both SRFs, the CBR/PBR and the Annual Report must contain information on the progress made in meeting the GPR and Additional Subsidization requirements.

For all projects that receive additional subsidization, the following data elements must be entered quarterly into CBR/PBR and, a list containing the following information must be included in State Annual Reports. (Additional clarification on the items listed below is provided in CBR/PBR.)

a. Assistance Recipient Name

b. Total amount of SRF assistance provided

c. Project name and identification number

d. Project Location

e. Type of additional subsidy (grant, principal forgiveness, negative interest).

f. Amount of additional subsidy

g. Y/N – Would the recipient have been able to afford a loan without the additional subsidy (Using the States' own criteria for making this determination, such as use of their SRF loan evaluation criteria)?

h. Characteristics of the community served by the project - population of communities (based on NIMS categories)

For projects that receive funding under the Green Project Reserve, a list of projects that includes the following information must be included in the Annual Report and entered into CBR/PBR. (Additional clarification on the items below is provided in CBR/PBR.)

a. Assistance Recipient Name

b. Total amount of SRF assistance provided

c. Project name and identification number

d. Type of project (green infrastructure, water efficiency, energy efficiency, environmentally innovative).

e. Amount of SRF funding for GPR portion of the project

f. Of the total amount of GPR funding, the amount of subsidy provided (if any)

g. A brief description of the project (i.e., rain garden, renewable energy at POTW, water efficient fixtures).

h. Population served by the project (not required for CWSRF nonpoint source projects)

2. Environmental/Public Health Benefits Reporting

In 2005, all 51 CWSRF programs agreed to use a suite of environmental indicators to show how their CWSRF projects impact water quality and public health. The CBR system was developed based on these indicators. States shall report quarterly in CBR on the environmental benefits of all assistance agreements. The specific required data elements are listed in Attachment 7.

In FY 2010, the DWSRF program identified project level data to be reported quarterly to the Drinking Water Project and Benefits Reporting System (PBR) for the base program. These data elements will be used for states' quarterly reporting in FY 2011. The data elements are identified in Attachment 8 and will be used for reporting environmental/public health benefits of DWSRF assistance agreements.

3. Annual Report/ CBR/PBR

The CBR and PBR are the best available means of comprehensively tracking project-level information on a real-time basis. The data elements identified in Section D1 have been added to the existing data elements in the CBR/PBR systems. The CBR/PBR forms must be completed quarterly, starting with the first quarter in which the assistance agreement is made.

The data elements identified in Section D1 and Attachments 7 and 8 must also be reported in the Annual Report. Summary reports, compiling the quarterly data, can be generated by CBR/PBR and may be included as an attachment to the Annual Report to meet this reporting requirement.

Attachments

ATTACHMENT 1

Required Grant Conditions

1. The recipient of funds for the State Revolving Funds from P.L. 112-10, the FY 2011 Full-Year Continuing Appropriation, agrees to comply with all requests for data related to the use of the funds under Subchapter VI of the Clean Water Act (CWA) or Section 1452 of the Safe Drinking Water Act (SDWA), and to report all uses of the funds no less than quarterly, as EPA specifies for the CWSRF Benefits Reporting database and the Drinking Water Project Benefits Reporting database. This reporting shall include but not be limited to data with respect to compliance with the Green Project Reserve and additional subsidization requirements as specified in the FY 2010 Interior and Environment Appropriation Act and the Conference Report (H. Rpt. 111-316) and as outlined in the FY 2011 Procedures document, and other data as necessary to carry out the authorities cited in this Grant Condition.

2. In accordance with 40 CFR 31.40, 40 CFR 35.3165, and 40 CFR 35.3570, the recipient agrees to provide in its Annual Report information regarding key project characteristics, milestones, and environmental/public health protection results in the following areas: 1) achievement of the outputs and outcomes established in the Intended Use Plan; 2) the reasons for delays if established outputs or outcomes were not met; 3) any additional pertinent information on environmental results; 4) compliance with the Green Project Reserve requirement as outlined in the FY 2011 Procedures document; and 5) compliance with the additional subsidization requirement as described in the FY 2011 Procedures document.

3. Preamble:

The 2011 Full-Year Continuing Appropriation to the CWSRF and DWSRF programs requires that a portion of the capitalization grant funds be used to provide additional subsidization, while relying on the purposes of the Funds in their underlying acts.

The application of the additional subsidies – in the form in which they are authorized in the FY 2011 Full-Year Continuing Appropriation – to the base SRF programs raises important issues for the underlying SRF programs. While the DWSRF program has since its inception offered discretion to States to provide additional subsidization, that authority was closely circumscribed by requirements that communities assisted meet the State's definition of "disadvantaged," and that the subsidies provided in any year could not exceed 30 percent of the capitalization grant. In contrast, the FY 2011 Full-Year Continuing Appropriation requires States to provide a minimum of 30 percent up to the entire amount of their DWSRF capitalization grants as additional subsidies. For the CWSRF, not less than 30 percent of the States total capitalization grants that exceed $1,000,000,000 must be used for additional subsidies. For both programs, additional subsidies can be provided to "any eligible" recipient of SRF assistance, although priority for additional subsidies should be given to communities that could not otherwise afford eligible projects (see section 3b).

Moreover, the similar provision in ARRA was in a one-time, supplemental appropriation that was in addition to the base SRF program appropriation for FY 2009. The additional subsidization provision in FY 2011 comes in the appropriation for the base SRF programs. By authorizing States to provide up to 30.89 percent (CWSRF) or 100 percent (DWSRF) of the base SRF program capitalization grant in additional subsidies, this FY 2011 provision contemplates the possibility that, for the first time, only a portion or none of these base program capitalization grant funds will be repaid into the State Revolving Funds.

Under these circumstances, in which a large amount of base program capitalization grant funds will not revolve, it is prudent to include additional specifications in the capitalization agreements with States that ensure that the subsidies are funding infrastructure that is sustainable (not enabling the expansion of centralized infrastructure to accommodate growth while failing to adequately repair, replace, and upgrade infrastructure in existing communities who are not otherwise able to afford such projects). Section 602(a) of the CWA and section 1452(a)(3)(A)(i) of SDWA gives the authority to add such specifications to the capitalization grant. CWA Section 602(a)

specifies that the "State shall enter into an agreement with the Administrator which shall include but not be limited to the specifications set forth in subsection (b)…." SDWA Section 1452(g)(3)(A) authorizes EPA to publish guidance "to ensure that each state commits and expends funds allotted to the State under this section as efficiently as possible." Therefore, EPA is adding a grant condition to all FY 2011 CWSRF and DWSRF capitalization grants.

a. The recipient agrees to use funds provided by this grant to provide additional subsidization in the form of principal forgiveness, negative interest rate loans, or grants, in accordance with P.L. 112-10 as follows:

(1) Clean Water State Revolving Fund capitalization recipients agree to use at least 9.27 percent, and no more than 30.89 percent of the funds provided by this grant to provide additional subsidization in accordance with P.L. 112-10. (For the exact amount, see Attachment 3 to the 2011 Procedures.)

(2) Drinking Water State Revolving Fund capitalization grant recipients agree to use at least 30 percent of the funds provided by this grant to provide additional subsidization in accordance with P.L. 112-10.

b. Priority for additional subsidies should be given to communities that could not otherwise afford such projects. To further ensure sustainability of projects receiving additional subsidies, these subsidies should be directed to: 1) repair, replacement, and upgrade of infrastructure in existing communities; 2) investigations, studies, or plans that improve the technical, financial and managerial capacity of the assistance recipient to operate, maintain, and replace financed infrastructure; and/or 3) preliminary planning, alternatives assessment and eligible capital projects that reflect the full life cycle costs of infrastructure assets, conservation of natural resources, and alternative approaches to integrate natural or "green" systems into the built environment. The recipient agrees to provide in its Annual Report an explanation as to how they did or did not address this provision.

4. The recipient agrees to make a timely and concerted solicitation for projects that address green infrastructure, water or energy efficiency

improvements or other environmentally innovative activities. The recipient agrees to include in its IUP such qualified projects, or components of projects, that total an amount at least equal to 20% of its capitalization grant. If there are not sufficient qualified projects or components already in the IUP that total 20% of the FY2011 funds available, the recipient agrees to conduct additional solicitation, to amend its project list to include any such qualified projects thus identified, and to provide not less than 20% of such FY 2011 funds available to such projects on its amended project list. If there are not sufficient qualified projects or components on the amended project list after such additional solicitation, the recipient may if necessary submit a waiver request to EPA in accordance with the FY 2011 Procedures.

5. Wage Rate Requirements:

a. CWSRF: The recipient agrees to include in all agreements to provide assistance for the construction of treatment works carried out in whole or in part with such assistance made available by a State water pollution control revolving fund as authorized by title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.), or with such assistance made available under section 205(m) of that Act (33 U.S.C. 1285(m)), or both, a term and condition requiring compliance with the requirements of section 513 of that Act (33 U.S.C. 1372) in all procurement contracts and sub-grants, and require that loan recipients, procurement contractors and sub-grantees include such a term and condition in subcontracts and other lower tiered transactions. All contracts and subcontracts for the construction of treatment works carried out in whole or in part with assistance made available as stated herein shall insert in full in any contract in excess of $2,000 the contract clauses as attached hereto entitled "Wage Rate Requirements Under FY 2011 Full-Year Continuing Appropriation." This term and condition applies to all agreements to provide assistance under the authorities referenced herein, whether in the form of a loan, bond purchase, grant, or any other vehicle to provide financing for a project, where such agreements are executed on or after October 30, 2009 and before October 1, 2011.

b. DWSRF: The recipient agrees to include in all agreements to provide assistance for any construction project carried out in whole or in part with such assistance made available by a drinking water treatment revolving loan fund as authorized by section 1452 of the Safe Drinking Water Act

(42 U.S.C. 300j-12), a term and condition requiring compliance with the requirements of section 1450(e) of the Safe Drinking Water Act (42 U.S.C.300j-9(e)) in all procurement contracts and sub-grants, and require that loan recipients, procurement contractors and sub-grantees include such a term and condition in subcontracts and other lower tiered transactions All contracts and subcontracts for any construction project carried out in whole or in part with assistance made available as stated herein shall insert in full in any contract in excess of $2,000 the contract clauses as attached hereto entitled "Wage Rate Requirements Under FY 2011 Full-Year Continuing Appropriation." This term and condition applies to all agreements to provide assistance under the authorities referenced herein, whether in the form of a loan, bond purchase, grant, or any other vehicle to provide financing for a project, where such agreements are executed on or after October 30, 2009 and before October 1, 2011.

ATTACHMENT 6

Wage Rate Requirements Under FY 2011 Full-Year Continuing Appropriation

Preamble

With respect to the Clean Water and Safe Drinking Water State revolving Funds, EPA provides capitalization grants to each State which in turn provides subgrants or loans to eligible entities within the State. Typically, the subrecipients are municipal or other local governmental entities that manage the funds. For these types of recipients, the provisions set forth under Roman Numeral I, below, shall apply. Although EPA and the State remain responsible for ensuring subrecipients' compliance with the wage rate requirements set forth herein, those subrecipients shall have the primary responsibility to maintain payroll records as described in Section 3(ii)(A), below and for compliance as described in Section I-5.

Occasionally, the subrecipient may be a private for profit or not for profit entity. For these types of recipients, the provisions set forth in Roman Numeral II, below, shall apply. Although EPA and the State remain responsible for ensuring subrecipients' compliance with the wage rate requirements set forth herein, those subrecipients shall have the primary responsibility to maintain payroll records as described in Section II-3(ii)(A), below and for compliance as described in Section II-5.

I. Requirements under FY 2011 Full-Year Continuing Appropriation For Subrecipients That Are Governmental Entities:

The following terms and conditions specify how recipients will assist EPA in meeting its Davis-Bacon (DB) responsibilities when DB applies to EPA awards of financial assistance under the FY 2011 Full-Year Continuing Appropriation with respect to State recipients and subrecipients that are governmental entities. If a subrecipient has questions regarding when DB applies, obtaining the correct DB wage determinations, DB provisions, or compliance monitoring, it may contact the State recipient. If a State recipient needs guidance, the recipient may contact **(insert name or organizational unit Regional EPA DB contact)** for guidance. The recipient or subrecipient may also obtain additional guidance from DOL's web site at http://www.dol.gov/esa/whd/recovery/

1. Applicability of the Davis- Bacon (DB) prevailing wage requirements.

   Under the FY 2011 Full-Year Continuing Appropriation, DB prevailing wage requirements apply to the construction, alteration, and repair of treatment works carried out in whole or in part with assistance made available by a State water pollution control revolving fund and to any construction project carried out in whole or in part by assistance made available by a drinking water treatment revolving loan fund. If a subrecipient encounters a unique situation at a site that presents uncertainties regarding DB applicability, the subrecipient must discuss the situation with the recipient State before authorizing work on that site.

2. Obtaining Wage Determinations.

(a) Subrecipients shall obtain the wage determination for the locality in which a covered activity subject to DB will take place prior to issuing requests for bids, proposals, quotes or other methods for soliciting contracts (solicitation) for activities subject to DB. These wage determinations shall be incorporated into solicitations and any subsequent contracts. Prime contracts must contain a provision requiring that subcontractors follow the wage determination incorporated into the prime contract.

(i) While the solicitation remains open, the subrecipient shall monitor www.wdol.gov weekly to ensure that the wage determination contained in the solicitation remains current. The subrecipients shall amend the solicitation if DOL issues a modification more than 10 days prior to the closing date (i.e. bid opening) for the solicitation. If DOL modifies or supersedes the applicable wage determination less than 10 days prior to the closing date, the subrecipients may request a finding from the State recipient that there is not a reasonable time to notify interested contractors of the modification of the wage determination. The State recipient will provide a report of its findings to the subrecipient.

(ii) If the subrecipient does not award the contract within 90 days of the closure of the solicitation, any modifications or supersedes DOL makes to the wage determination contained in the solicitation shall be effective unless the State recipient, at the request of the subrecipient, obtains an extension of the 90 day period from DOL pursuant to 29 CFR 1.6(c)(3)(iv). The subrecipient shall monitor www.wdol.gov on a weekly basis if it does not award the contract within 90 days of closure of the solicitation to ensure that wage determinations contained in the solicitation remain current.

(b) If the subrecipient carries out activity subject to DB by issuing a task order, work assignment or similar instrument to an existing contractor (ordering instrument) rather than by publishing a solicitation, the subrecipient shall insert the appropriate DOL wage determination from www.wdol.gov into the ordering instrument.

(c) Subrecipients shall review all subcontracts subject to DB entered into by prime contractors to verify that the prime contractor has required its subcontractors to include the applicable wage determinations.

(d) As provided in 29 CFR 1.6(f), DOL may issue a revised wage determination applicable to a subrecipient's contract after the award of a contract or the issuance of an ordering instrument if DOL determines that the subrecipient has failed to incorporate a wage determination or has used a wage determination that clearly does not apply to the contract or ordering instrument. If this occurs, the subrecipient shall either terminate the contract or ordering instrument and issue a revised solicitation or ordering instrument or incorporate DOL's wage determination retroactive to the beginning of the contract or

ordering instrument by change order. The subrecipient's contractor must be compensated for any increases in wages resulting from the use of DOL's revised wage determination.

3. Contract and Subcontract provisions.

(a) The Recipient shall insure that the subrecipient(s) shall insert in full in any contract in excess of $2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a treatment work under the CWSRF or a construction project under the DWSRF financed in whole or in part from Federal funds or in accordance with guarantees of a Federal agency or financed from funds obtained by pledge of any contract of a Federal agency to make a loan, grant or annual contribution (except where a different meaning is expressly indicated), and which is subject to the labor standards provisions of any of the acts listed in § 5.1 or the FY 2011 Full-Year Continuing Appropriation, the following clauses:

(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

Subrecipients may obtain wage determinations from the U.S. Department of Labor's web site, www.dol.gov.

(ii)(A) The subrecipient(s), on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The State award official shall approve a request for an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the subrecipient(s) agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), documentation of the action taken and the request, including the local wage determination shall be sent by the subrecipient (s) to the State award official. The State award official will transmit the request, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210 and to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification request within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.

(C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the subrecipient(s) do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the request and the local wage determination, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The request shall be sent to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt of the request and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

(2) Withholding. The subrecipient(s), shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written

evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the subrecipient, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State recipient or EPA. As to each payroll copy received, the subrecipient shall provide written confirmation in a form satisfactory to the State indicating whether or not the project is in compliance with the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the subrecipient(s) for transmission to the State or EPA if requested by EPA , the State, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the subrecipient(s).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees--

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

(5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

(6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may by appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

(7) Contract termination; debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

(8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

(9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and Subrecipient(s), State, EPA, the U.S. Department of Labor, or the employees or their representatives.

(10) Certification of eligibility.

(i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

4. **Contract Provision for Contracts in Excess of $100,000.**

(a) Contract Work Hours and Safety Standards Act. The subrecipient shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount in excess of $100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Item 3, above or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (a)(1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (a)(1) of this section, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (a)(1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The subrecipient, upon written request of the EPA Award Official or an authorized representative of the Department of Labor, shall withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (a)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (a)(1) through (4) of this section.

(b) In addition to the clauses contained in Item 3, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in 29 CFR 5.1, the Subrecipient shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the Subrecipient shall insert in any such contract a clause providing hat the records to be maintained under this paragraph shall be made available by the contractor or

subcontractor for inspection, copying, or transcription by authorized representatives of the (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

5. Compliance Verification

(a) The subrecipient shall periodically interview a sufficient number of employees entitled to DB prevailing wages (covered employees) to verify that contractors or subcontractors are paying the appropriate wage rates. As provided in 29 CFR 5.6(a)(6), all interviews must be conducted in confidence. The subrecipient must use Standard Form 1445 (SF 1445) or equivalent documentation to memorialize the interviews. Copies of the SF 1445 are available from EPA on request.

(b) The subrecipient shall establish and follow an interview schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, the subrecipient should conduct interviews with a representative group of covered employees within two weeks of each contractor or subcontractor's submission of its initial weekly payroll data and two weeks prior to the estimated completion date for the contract or subcontract. Subrecipients must conduct more frequent interviews if the initial interviews or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB . Subrecipients shall immediately conduct necessary interviews in response to an alleged violation of the prevailing wage requirements. All interviews shall be conducted in confidence.

(c) The subrecipient shall periodically conduct spot checks of a representative sample of weekly payroll data to verify that contractors or subcontractors are paying the appropriate wage rates. The subrecipient shall establish and follow a spot check schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, if practicable, the subrecipient should spot check payroll data within two weeks of each contractor or subcontractor's submission of its initial payroll data and two weeks prior to the completion date the contract or subcontract . Subrecipients must conduct more frequent spot checks if the initial spot check or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB. In addition, during the examinations the subrecipient shall verify evidence of fringe benefit plans and payments thereunder by contractors and subcontractors who claim credit for fringe benefit contributions.

(d) The subrecipient shall periodically review contractors and subcontractors use of apprentices and trainees to verify registration and certification with respect to apprenticeship and training programs approved by either the U.S Department of Labor or a state, as appropriate, and that contractors and subcontractors are not using disproportionate numbers of, laborers, trainees and apprentices. These reviews shall be

conducted in accordance with the schedules for spot checks and interviews described in Item 5(b) and (c) above.

(e) Subrecipients must immediately report potential violations of the DB prevailing wage requirements to the EPA DB contact listed above and to the appropriate DOL Wage and Hour District Office listed at http://www.dol.gov/esa/contacts/whd/america2.htm.

II. Requirements under FY 2011 Full-Year Continuing Appropriation Act For Subrecipients That Are Not Governmental Entities

The following terms and conditions specify how recipients will assist EPA in meeting its DB responsibilities when DB applies to EPA awards of financial assistance under the FY2011 Full-Year Continuing Appropriation Act with respect to subrecipients that are not governmental entities. If a subrecipient has questions regarding when DB applies, obtaining the correct DB wage determinations, DB provisions, or compliance monitoring, it may contact the State recipient for guidance. If a State recipient needs guidance, the recipient may contact (insert name or organizational unit Regional EPA DB contact) for guidance. The recipient or subrecipient may also obtain additional guidance from DOL's web site at http://www.dol.gov/esa/whd/recovery/

Under these terms and conditions, the subrecipient must submit its proposed DB wage determinations to the State recipient for approval prior to including the wage determination in any solicitation, contract task orders, work assignments, or similar instruments to existing contractors.

1._ Applicability of the Davis- Bacon (DB) prevailing wage requirements.

Under the FY 2011 Full-Year Continuing Appropriation, DB prevailing wage requirements apply to the construction, alteration, and repair of treatment works carried out in whole or in part with assistance made available by a State water pollution control revolving fund and to any construction project carried out in whole or in part by assistance made available by a drinking water treatment revolving loan fund. If a subrecipient encounters a unique situation at a site that presents uncertainties regarding DB applicability, the subrecipient must discuss the situation with the recipient State before authorizing work on that site.

2. Obtaining Wage Determinations.

(a) Subrecipients must obtain proposed wage determinations for specific localities at www.wdol.gov. After the Subrecipient obtains its proposed wage determination, it must submit the wage determination to (insert contact information for State recipient DB point of contact for wage determination) for approval prior to inserting the wage determination into a solicitation, contract or issuing task orders, work assignments or similar instruments to existing contractors (ordering instruments unless subsequently directed otherwise by the State recipient Award Official.

(b) Subrecipients shall obtain the wage determination for the locality in which a covered activity subject to DB will take place prior to issuing requests for bids, proposals, quotes or other methods for soliciting contracts (solicitation) for activities subject to DB. These wage determinations shall be incorporated into solicitations and any subsequent contracts. Prime contracts must contain a provision requiring that subcontractors follow the wage determination incorporated into the prime contract.

(i) While the solicitation remains open, the subrecipient shall monitor www.wdol.gov. on a weekly basis to ensure that the wage determination contained in the solicitation remains current. The subrecipients shall amend the solicitation if DOL issues a modification more than 10 days prior to the closing date (i.e. bid opening) for the solicitation. If DOL modifies or supersedes the applicable wage determination less than 10 days prior to the closing date, the subrecipients may request a finding from the State recipient that there is not a reasonable time to notify interested contractors of the modification of the wage determination. The State recipient will provide a report of its findings to the subrecipient.

(ii) If the subrecipient does not award the contract within 90 days of the closure of the solicitation, any modifications or supersedes DOL makes to the wage determination contained in the solicitation shall be effective unless the State recipient, at the request of the subrecipient, obtains an extension of the 90 day period from DOL pursuant to 29 CFR 1.6(c)(3)(iv). The subrecipient shall monitor www.wdol.gov on a weekly basis if it does not award the contract within 90 days of closure of the solicitation to ensure that wage determinations contained in the solicitation remain current.

(c) If the subrecipient carries out activity subject to DB by issuing a task order, work assignment or similar instrument to an existing contractor (ordering instrument) rather than by publishing a solicitation, the subecipient shall insert the appropriate DOL wage determination from www.wdol.gov into the ordering instrument.

(c) Subrecipients shall review all subcontracts subject to DB entered into by prime contractors to verify that the prime contractor has required its subcontractors to include the applicable wage determinations.

(d) As provided in 29 CFR 1.6(f), DOL may issue a revised wage determination applicable to a subrecipient's contract after the award of a contract or the issuance of an ordering instrument if DOL determines that the subrecipient has failed to incorporate a wage determination or has used a wage determination that clearly does not apply to the contract or ordering instrument. If this occurs, the subecipient shall either terminate the contract or ordering instrument and issue a revised solicitation or ordering instrument or incorporate DOL's wage determination retroactive to the beginning of the contract or ordering instrument by change order. The subrecipient's contractor must be compensated for any increases in wages resulting from the use of DOL's revised wage determination.

3. Contract and Subcontract provisions.

(a) The Recipient shall insure that the subrecipient(s) shall insert in full in any contract in excess of $2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a treatment work under the CWSRF or a construction project under the DWSRF financed in whole or in part from Federal funds or in accordance with guarantees of a Federal agency or financed from funds obtained by pledge of any contract of a Federal agency to make a loan, grant or annual contribution (except where a different meaning is expressly indicated), and which is subject to the labor standards provisions of any of the acts listed in § 5.1 or the FY 2011 Full-Year Continuing Appropriation, the following clauses:

(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

Subrecipients may obtain wage determinations from the U.S. Department of Labor's web site, www.dol.gov. .

(ii)(A) The subrecipient(s), on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The State award official shall approve a request for an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the subrecipient(s) agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), documentation of the action taken and the request, including the local wage determination shall be sent by the subrecipient(s) to the State award official. The State award official will transmit the report, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210 and to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification request within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.

(C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the and the subrecipient(s) do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the request, and the local wage determination, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The request shall be sent to the EPA Regional Coordinator concurrently. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt of the request and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

(2) Withholding. The subrecipient(s) shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee

programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the subrecipient, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State recipient or EPA. As to each payroll copy received, the subrecipient shall provide written confirmation in a form satisfactory to the State indicating whether or not the project is in compliance with the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the subrecipient(s) for transmission to the State or EPA if requested by EPA , the State, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the subrecipient(s).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees--

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

(5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

(6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may by appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

(7) Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

(8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

(9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and Subrecipient(s), State, EPA, the U.S. Department of Labor, or the employees or their representatives.

(10) Certification of eligibility.

(i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

4. **Contract Provision for Contracts in Excess of $100,000.**

(a) Contract Work Hours and Safety Standards Act. The subrecipient shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount in excess of $100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Item 3, above or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The subrecipient shall upon the request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.

(c) In addition to the clauses contained in Item 3, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in 29 CFR 5.1, the Subrecipient shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the Subrecipient shall insert in any such contract a clause providing that the records to be maintained under this paragraph shall be made available by the contractor or

subcontractor for inspection, copying, or transcription by authorized representatives of the (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

5. Compliance Verification

(a). The subrecipient shall periodically interview a sufficient number of employees entitled to DB prevailing wages (covered employees) to verify that contractors or subcontractors are paying the appropriate wage rates. As provided in 29 CFR 5.6(a)(6), all interviews must be conducted in confidence. The subrecipient must use Standard Form 1445 (SF 1445) or equivalent documentation to memorialize the interviews. Copies of the SF 1445 are available from EPA on request.

(b) The subrecipient shall establish and follow an interview schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, the subrecipient should conduct interviews with a representative group of covered employees within two weeks of each contractor or subcontractor's submission of its initial weekly payroll data and two weeks prior to the estimated completion date for the contract or subcontract. Subrecipients must conduct more frequent interviews if the initial interviews or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB. Subrecipients shall immediately conduct necessary interviews in response to an alleged violation of the prevailing wage requirements. All interviews shall be conducted in confidence.

(c). The subrecipient shall periodically conduct spot checks of a representative sample of weekly payroll data to verify that contractors or subcontractors are paying the appropriate wage rates. The subrecipient shall establish and follow a spot check schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, if practicable the subrecipient should spot check payroll data within two weeks of each contractor or subcontractor's submission of its initial payroll data and two weeks prior to the completion date the contract or subcontract. Subrecipients must conduct more frequent spot checks if the initial spot check or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB . In addition, during the examinations the subrecipient shall verify evidence of fringe benefit plans and payments thereunder by contractors and subcontractors who claim credit for fringe benefit contributions.

(d). The subrecipient shall periodically review contractors and subcontractors use of apprentices and trainees to verify registration and certification with respect to apprenticeship and training programs approved by either the U.S Department of Labor or a state, as appropriate, and that contractors and subcontractors are not using disproportionate numbers of, laborers, trainees and apprentices. These reviews shall be

conducted in accordance with the schedules for spot checks and interviews described in Item 5(b) and (c) above.

(e) Subrecipients must immediately report potential violations of the DB prevailing wage requirements to the EPA DB contact listed above and to the appropriate DOL Wage and Hour District Office listed at http://www.dol.gov/esa/contacts/whd/america2.htm.

RECEIVED
MAY 12 2011
Oklahoma Water Resources Board

U.S. ENVIRONMENTAL PROTECTION AGENCY

Grant Agreement

ASSISTANCE ID NO.			DATE OF AWARD
PRG	DOC ID	AMEND#	05/03/2011
CS -	40000211	- 0	
TYPE OF ACTION: New			MAILING DATE: 05/10/2011
PAYMENT METHOD: ACH			ACH# 60638

RECIPIENT TYPE:
State

Send Payment Request to:
Las Vegas Finance Center

RECIPIENT:
Oklahoma Water Resources Board
3800 N. Classen Blvd.
Oklahoma City, OK 73118
EIN: 73-6017987

PAYEE:
Oklahoma Water Resources Board
3800 N. Classen Blvd.
Oklahoma City, OK 73118

PROJECT MANAGER	EPA PROJECT OFFICER	EPA GRANT SPECIALIST
Jennifer Lee Wasinger 3800 N. Classen Blvd. Oklahoma City, OK 73118 **E-Mail:** jlwasinger@owrb.ok.gov **Phone:** (405) 530-8800	Tyrone Hoskins Water Quality Protection Division, 6WQ-AP **E-Mail:** Hoskins.Tyrone@epamail.epa.gov **Phone:** 214-665-7375	Belenthia Epps Grant Programs Section, 6MD-CG **E-Mail:** Epps.Belenthia@epamail.epa.gov **Phone:** 214-665-8390

PROJECT TITLE AND DESCRIPTION
Clean Water State Revolving Fund Capitalization Grant
These funds will be used by the State of Oklahoma to provide loans and other types of financial assistance (not grants) to local communities and intermunicipal and interstate agencies for wastewater improvements. The effect of the financing will be improved water quality in streams, lakes, rivers and bays, with resulting benefits to aquatic life and for use as drinking water sources; and/or elimination of disease from health hazards like raw sewage discharges.

BUDGET PERIOD	PROJECT PERIOD	TOTAL BUDGET PERIOD COST	TOTAL PROJECT PERIOD COST
07/01/2011 - 06/30/2013	07/01/2011 - 06/30/2013	$3,271,860.00	$3,271,860.00

NOTICE OF AWARD

Based on your application dated 03/09/2011, including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA), hereby awards $2,726,550. EPA agrees to cost-share 83.33% of all approved budget period costs incurred, up to and not exceeding total federal funding of $2,726,550. Such award may be terminated by EPA without further cause if the recipient fails to provide timely affirmation of the award by signing under the Affirmation of Award section and returning all pages of this agreement to the Grants Management Office listed below within 21 days after receipt, or any extension of time, as may be granted by EPA. This agreement is subject to applicable EPA statutory provisions. The applicable regulatory provisions are 40 CFR Chapter 1, Subchapter B, and all terms and conditions of this agreement and any attachments.

ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)	AWARD APPROVAL OFFICE
ORGANIZATION / ADDRESS	ORGANIZATION / ADDRESS
Grant Programs Section, 6MD-CG 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733	U.S. EPA, Region 6 Water Quality Protection Division 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733

THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY

SIGNATURE OF AWARD OFFICIAL	TYPED NAME AND TITLE	DATE
Digital signature applied by EPA Award Official	Lynda F. Carroll, Assistant Regional Administrator for Management (6MD)	05/03/2011

AFFIRMATION OF AWARD

BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION

SIGNATURE	TYPED NAME AND TITLE	DATE
Rudolf J. Herrmann	Rudolf J. Herrmann, Chairman	6/14/11

EPA Funding Information

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	$	$ 2,726,550	$ 2,726,550
EPA In-Kind Amount	$	$	$ 0
Unexpended Prior Year Balance	$	$	$ 0
Other Federal Funds	$	$	$ 0
Recipient Contribution	$	$	$ 0
State Contribution	$	$ 545,310	$ 545,310
Local Contribution	$	$	$ 0
Other Contribution	$	$	$ 0
Allowable Project Cost	$ 0	$ 3,271,860	$ 3,271,860

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.458 - Capitalization Grants for State Revolving Fund	Clean Water Act: Secs. 205(m) 601-607	40 CFR PTS 31 & 35 SUBPRT K

Fiscal

Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
-	1106WD0019	11	E2	064K	202B80E	4111	11CA	-	2,726,550
									2,726,550

Budget Summary Page

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	$0
2. Fringe Benefits	$0
3. Travel	$0
4. Equipment	$0
5. Supplies	$0
6. Contractual	$0
7. Construction	$0
8. Other	$3,271,860
9. Total Direct Charges	$3,271,860
10. Indirect Costs: % Base	$0
11. Total (Share: Recipient 16.67 % Federal 83.33 %.)	$3,271,860
12. Total Approved Assistance Amount	$2,726,550
13. Program Income	$0
14. Total EPA Amount Awarded This Action	$2,726,550
15. Total EPA Amount Awarded To Date	$2,726,550

Administrative Conditions

This Assistance Agreement is awarded in accordance with the **Federal Grants and Cooperative Agreement Act of 1977.** Areas of substantial EPA involvement, beyond the normal exercise of performance evaluation and program review, have been detailed in specific output objectives which resulted from negotiation between EPA and the recipient. These areas are included in the application for this award and have become a part of this Agreement.

1. The recipient covenants and agrees that it will expeditiously initiate and timely complete the project work for which assistance has been awarded under this Agreement, in accordance with all applicable provisions of **40 CFR Chapter 1, Subchapter B.** The recipient warrants, represents, and agrees that it and all its contractors, employees and representatives, will comply with all APPLICABLE provisions of **40 CFR Chapter 1, Subchapter B, INCLUDING BUT NOT LIMITED TO** the provisions of **40 CFR Parts 31, 32, 33, 34 and 35.** This award may be reduced or terminated at such time the recipient fails to comply with the program objectives, grant award conditions, or Federal reporting requirements.

2. Recipient standards of administration, property management, procurement and financial management, as well as records and facilities of recipients, their contractors and subcontractors are subject to audit and inspection by the Comptroller General of the United States and the U.S. Environmental Protection Agency in accordance with Office of Management and Budget (OMB) Circulars A-87, A-102, or A-110, as appropriate, A-133 and 40 CFR Part 31. The recipient's standards governing procurement will be in accordance with 40 CFR, Part 31.36, Part 33 and OMB Circular A-102. The recipient shall maintain a financial management system which meets the requirements of 40 CFR Part 31.20.

3. The Federal share of allowable expenditures chargeable to this assistance project will be financed by the EPA AUTOMATED CLEARING HOUSE (EPA-ACH) PAYMENT SYSTEM or U.S. TREASURY AUTOMATED STANDARD APPLICATION FOR PAYMENTS (ASAP) SYSTEM.

   The recipient will strictly adhere to the accounting and reporting procedures described in the EPA-ACH Recipient's Manual for the duration of the project. Three conditions should receive special attention:

   a. Cash drawdowns will be made only as actually needed for disbursements.

   b. **SPECIAL NOTE:** When a drawdown under the EPA-ACH Payment System occurs, the recipient must show the Assistance Agreement Number(s) under "Financial Data" on the EPA-ACH Payment Request Form. Requests for payment should be faxed to:

      (702) 798-2423
      Las Vegas Finance Center
      Attention: Region 6 Financial Specialist

c. The recipient will impose the same standards of timing and reporting on secondary recipients, if any.

4. QUALITY MANAGEMENT PLAN (QMP) - The recipient will submit an update or revision of the Quality Management Plan annually to the Region Quality Assurance Manager (6MD) for approval, or a certification that the plan is current, and include a copy of the recipient's new approval pages for the QMP.

5. **UTILIZATION OF SMALL, MINORITY AND WOMEN'S BUSINESS ENTERPRISES**

GENERAL COMPLIANCE, 40 CFR, Part 33
The recipient agrees to comply with the requirements of EPA's Program for Utilization of Small, Minority and Women's Business Enterprises in procurement under assistance agreements, contained in 40 CFR, Part 33.

FAIR SHARE OBJECTIVES, 40 CFR, Part 33, Subpart D
A recipient must negotiate with the appropriate EPA award official, or his/her designee, fair share objectives for MBE and WBE (MBE/WBE) participation in procurement under the financial assistance agreements.

Current Fair Share Objective/Goal
The dollar amount of this assistance agreement, or the total dollar amount of all of the recipient's financial assistance agreements in the current federal fiscal year from EPA is $250,000, or more. The Oklahoma Water Resources Board has negotiated the following, applicable MBE/WBE fair share objectives/goals with EPA as follows:

MBE: CONSTRUCTION - 12.93%; SUPPLIES - 6.27%; SERVICES - 16.84%; EQUIPMENT -7.83%
WBE: CONSTRUCTION - 7.37%; SUPPLIES - 13.01%; SERVICES -30.94%; EQUIPMENT -15.53%

Negotiating Fair Share Objectives/Goals, 40 CFR, Section 33.404
If the recipient has not yet negotiated its MBE/WBE fair share objectives/goals, the recipient agrees to submit proposed MBE/WBE objectives/goals based on an availability analysis, or disparity study, of qualified MBEs and WBEs in their relevant geographic buying market for construction, services, supplies and equipment.

The recipient agrees to submit proposed fair share objectives/goals, together with the supporting availability analysis or disparity study, to the Regional MBE/WBE Coordinator within 120 days of its acceptance of the financial assistance award. EPA will respond to the proposed fair share objective/goals within 30 days of receiving the submission. If proposed fair share objective/goals are not received within the 120 day time frame, the recipient may not expend its EPA funds for procurements until the proposed fair share objective/goals are submitted.

Objective/Goals of Loan Recipients
As a recipient of an EPA financial assistance agreement to capitalize revolving loan

funds, the recipient agrees to either apply its own fair share objectives negotiated with EPA to identified loans using a substantially similar relevant geographic market, or negotiate separate fair share objectives with its identified loan recipients. These separate objectives/goals must be based on demonstrable evidence of the availability of MBEs and WBEs in accordance with 40 CFR, Part 33, Subpart D.

The recipient agrees that if procurements will occur over more than one year, the recipient may choose to apply the fair share objective in place either for the year in which the identified loan is awarded or for the year in which the procurement action occurs. The recipient must specify this choice in the financial assistance agreement, or incorporate it by reference therein.

SIX GOOD FAITH EFFORTS, 40 CFR, Part 33, Subpart C

Pursuant to 40 CFR, Section 33.301, the recipient agrees to make the following good faith efforts whenever procuring construction, equipment, services and supplies under an EPA financial assistance agreement, and to require that sub-recipients, loan recipients, and prime contractors also comply. Records documenting compliance with the six good faith efforts shall be retained:

(a) Require DBEs are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local and Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.

(b) Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.

(c) Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.

(d) Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.

(e) Use the services and assistance of the SBA and the Minority Business Development Agency of the Department of Commerce.

(f) If the prime contractor awards subcontracts, require the prime contractor to take the steps in paragraphs (a) through (e) of this section.

MBE/WBE REPORTING, 40 CFR, Part 33, Sections 33.502 and 33.503

The recipient agrees to complete and submit EPA Form 5700-52A, "MBE/WBE Utilization Under Federal Grants, Cooperative Agreements and Interagency Agreements" beginning with the Federal fiscal year reporting period the recipient receives the award and continuing until the project is completed. **Only procurements with certified MBE/WBEs are counted toward a recipient's MBE/WBE accomplishments.** The reporting period is **semiannual**, with reporting periods ending March 31st and September 30th. The reports must be submitted within 30 days of the end of the semiannual reporting periods, **April 30th and October 30th**.

Recipients of financial assistance agreements that capitalize revolving loan programs agree to require entities receiving identified loans to submit their MBE/WBE participation reports on a semiannual basis to the financial assistance agreement recipient, rather than to EPA.

Reports should be sent to the Regional MBE/WBE Coordinator (6MD-CP), U.S. EPA, Region 6, 1445 Ross Avenue, Dallas, Texas 75202-2733. **Final MBE/WBE reports must be submitted within 90 days after the project period of the grant ends. Your grant cannot be officially closed without all MBE/WBE reports.**

EPA Form 5700-52A may be obtained from the EPA Office of Small Business Program's Home Page on the Internet at www.epa.gov/osbp.

CONTRACT ADMINISTRATION PROVISIONS, 40 CFR, Section 33.302
The recipient agrees to comply with the contract administration provisions of 40 CFR, Section 33.302. The recipient also agrees to require that recipients of identified loans also comply with provisions of 40 CFR, Section 33.302.

BIDDERS LIST, 40 CFR, Section 33.501(b) and (c)
Recipients of a Continuing Environmental Program Grant or other annual reporting grant, agree to create and maintain a bidders list. Recipients of an EPA financial assistance agreement to capitalize a revolving loan fund also agree to require entities receiving identified loans to create and maintain a bidders list if the recipient of the loan is subject to, or chooses to follow, competitive bidding requirements. Please see 40 CFR, Section 33.501 (b) and (c) for specific requirements and exemptions.

6. The recipient organization of this EPA assistance agreement must make an ongoing, good faith effort to maintain a drug-free workplace pursuant to the specific requirements set forth in Title 40 CFR 36.200 - 36.230. Additionally, in accordance with these regulations, the recipient organization must identify all known workplaces under its federal awards, and keep this information on file during the performance of the award.

   Those recipients who are individuals must comply with the drug-free provisions set forth in Title 40 CFR 36.300.

   The consequences for violating this condition are detailed under Title 40 CFR 36.510. Recipients can access the Code of Federal Regulations (CFR) Title 40 Part 36 at

http://www.access.gpo.gov/nara/cfr/waisidx_06/40cfr36_06.html.

7. I. Central Contractor Registration and Universal Identifier Requirements.

A. Requirement for Central Contractor Registration (CCR). Unless you are exempted from this requirement under 2 CFR 25.110, you as the recipient must maintain the currency of your information in the CCR until you submit the final financial report required under this award or receive the final payment, whichever is later. This requires that you review and update the information at least annually after the initial registration, and more frequently if required by changes in your information or another award term.

B. Requirement for Data Universal Numbering System (DUNS) numbers. If you are authorized to make subawards under this award, you:

1.Must notify potential subrecipients that no entity (see definition in paragraph C of this award term) may receive a subaward from you unless the entity has provided its DUNS number to you.

2.May not make a subaward to an entity unless the entity has provided its DUNS number to you.

C. Definitions. For purposes of this award term:

1.Central Contractor Registration (CCR) means the Federal repository into which an entity must provide information required for the conduct of business as a recipient. Additional information about registration procedures may be found at the CCR Internet site (currently at http://www.ccr.gov).

2.Data Universal Numbering System (DUNS) number means the nine-digit number established and assigned by Dun and Bradstreet, Inc. (D&B) to uniquely identify business entities. A DUNS number may be obtained from D&B by telephone (currently 866-705-5711) or the Internet (currently at http://fedgov.dnb.com/webform).

3.Entity, as it is used in this award term, means all of the following, as defined at 2 CFR part 25, subpart C:

a. A Governmental organization, which is a State, local government, or Indian tribe;
b. A foreign public entity;
c. A domestic or foreign nonprofit organization;
d. A domestic or foreign for-profit organization; and
e. A Federal agency, but only as a subrecipient under an award or subaward to a non-Federal entity.

4.Subaward:

a. This term means a legal instrument to provide support for the performance

of any portion of the substantive project or program for which you received this award and that you as the recipient award to an eligible subrecipient.

b. The term does not include your procurement of property and services needed to carry out the project or program (for further explanation, see Sec. --.210 of the attachment to OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations").

c. A subaward may be provided through any legal agreement, including an agreement that you consider a contract.

5. Subrecipient means an entity that:

a. Receives a subaward from you under this award; and

b. Is accountable to you for the use of the Federal funds provided by the subaward.

8. Congress has prohibited EPA from using its FY 2011 appropriations to provide funds to the Association of Community Organizations for Reform Now (ACORN) or any of its subsidiaries. None of the funds provided under this agreement may be used for subawards/subgrants or contracts to ACORN or its subsidiaries. Recipients should direct any questions about this prohibition to their EPA Grants Management Office.

9. Pursuant to 40 CFR 30.18, if applicable, and 15 USC 2225a, the recipient agrees to ensure that all space for conferences, meetings, conventions, or training seminars funded in whole or in part with federal funds complies with the protection and control guidelines of the Hotel and Motel Fire Safety Act (PL 101-391, as amended). Recipients may search the Hotel-Motel National Master List at http://www.usfa.dhs.gov/applications/hotel/ to see if a property is in compliance (FEMA ID is currently not required), or to find other information about the Act.

10. The chief executive officer of this recipient agency shall ensure that no grant funds awarded under this assistance agreement are used to engage in lobbying of the Federal Government or in litigation against the United States unless authorized under existing law. The recipient shall abide by its respective OMB Circular (A-21, A-87, or A-122), which prohibits the use of federal grant funds for litigation against the United States or for lobbying or other political activities.

11. The recipient agrees to comply with Title 40 CFR Part 34, *New Restrictions on Lobbying* . The recipient shall include the language of this provision in award documents for all subawards exceeding $100,000, and require that subrecipients submit certification and disclosure forms accordingly.

12. In accordance with the Byrd Anti-Lobbying Amendment, any recipient who makes a prohibited expenditure under Title 40 CFR Part 34 or fails to file the required certification or lobbying forms shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such expenditure.

13. Management fees or similar charges in excess of the direct costs and approved indirect rates are not allowable. The term "management fees or similar charges" refers to expenses added to the direct costs in order to accumulate and reserve funds for ongoing business expenses, unforeseen liabilities, or for other similar costs which are not allowable under this assistance agreement. Management fees or similar charges may not be used to improve or expand the project funded under this agreement, except to the extent authorized as a direct cost of carrying out the scope of work.

14. In accordance with OMB Circular A-133, which implements the single Audit Act, the recipient hereby agrees to obtain a single audit from an independent auditor if it expends $500,000 or more in total Federal funds in any fiscal year. Within nine months after the end of a recipient's fiscal year or 30 days after receiving the report from the auditor, the recipient shall submit a copy of the SF-SAC and a Single Audit Report Package. **For fiscal periods 2002 to 2007 recipients are to submit hardcopy to the following address:**

    Federal Audit Clearinghouse
    1201 East 10th Street
    Jeffersonville, IN 47132

    For fiscal periods 2008 and beyond the recipient MUST submit a copy of the SF-SAC and a Single Audit Report Package, using the Federal Audit Clearinghouse's Internet Data Entry System. Complete information on how to accomplish the 2008 and beyond Single Audit Submissions you will need to visit the Federal Audit Clearinghouse Web site: http://harvester.census.gov/fac/

15. In accordance with Section 6002 of the Resource Conservation and Recovery Act (RCRA) (42 U.S.C. 6962) any State agency or agency of a political subdivision of a State which is using appropriated Federal funds shall comply with the requirements set forth. Regulations issued under RCRA Section 6002 apply to any acquisition of an item where the purchase price exceeds $10,000 or where the quantity of such items acquired in the course of the preceding fiscal year was $10,000 or more. RCRA Section 6002 requires that preference be given in procurement programs to the purchase of specific products containing recycled materials identified in guidelines developed by EPA. These guidelines are listed in 40 CFR 247.

16. EPA's financial obligations to the recipient are limited by the amount of federal funding awarded to date as shown on line 15 in its EPA approved budget. If the recipient incurs costs in anticipation of receiving additional funds from EPA, it does so at its own risk.

17. In accordance with OMB Circular A-133, which implements the Single Audit Act, the recipient hereby agrees to obtain a single audit from an independent auditor, if it expends $500,000 or more in total Federal funds in any fiscal year. Within nine months after the end of a recipient's fiscal year or 30 days after receiving the report from the auditor, the recipient shall submit the SF-SAC and a Single Audit Report Package. **The recipient MUST** submit the SF-SAC and a Single Audit Report Package, using the Federal Audit Clearinghouse's Internet Data Entry System. For complete information on how to accomplish the single audit submissions, you will need to visit the Federal Audit Clearinghouse Web site: http://harvester.census.gov/fac/

18. Reporting Subawards and Executive Compensation.

    a. Reporting of first-tier subawards.

    1. Applicability. Unless you are exempt as provided in paragraph d. of this award term, you must report each action that obligates $25,000 or more in Federal funds that does

not include Recovery funds (as defined in section 1512(a)(2) of the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5) for a subaward to an entity (see definitions in paragraph e of this award term).

2. Where and when to report.

i. You must report each obligating action described in paragraph a.1. of this award term to www.fsrs.gov.

ii. For subaward information, report no later than the end of the month following the month in which the obligation was made. (For example, if the obligation was made on November 7, 2010, the obligation must be reported by no later than December 31, 2010.)

3. What to report. You must report the information about each obligating action that the submission instructions posted at www.fsrs.gov specify.

b. Reporting Total Compensation of Recipient Executives.

1. Applicability and what to report. You must report total compensation for each of your five most highly compensated executives for the preceding completed fiscal year, if --

i.the total Federal funding authorized to date under this award is $25,000 or more;

ii. in the preceding fiscal year, you received—

(A) 80 percent or more of your annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and

(B) $25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and

iii.The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at http://www.sec.gov/answers/execomp.htm.)

2. Where and when to report. You must report executive total compensation described in paragraph b.1. of this award term:

i. As part of your registration profile at www.ccr.gov.

ii. By the end of the month following the month in which this award is made, and annually thereafter.

c. Reporting of Total Compensation of Subrecipient Executives.

1. Applicability and what to report. Unless you are exempt as provided in paragraph d. of this award term, for each first-tier subrecipient under this award, you shall report the names and total compensation of each of the subrecipient's five most highly compensated executives for the subrecipient's preceding completed

fiscal year, if --

i. in the subrecipient's preceding fiscal year, the subrecipient received—

(A) 80 percent or more of its annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and

(B) $25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts), and Federal financial assistance subject to the Transparency Act (and subawards); and

ii. The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at http://www.sec.gov/answers/execomp.htm.)

2. Where and when to report. You must report subrecipient executive total compensation described in paragraph c.1. of this award term:

i. To the recipient.

ii. By the end of the month following the month during which you make the subaward. For example, if a subaward is obligated on any date during the month of October of a given year (i.e., between October 1 and 31), you must report any required compensation information of the subrecipient by November 30 of that year.

d. Exemptions

If, in the previous tax year, you had gross income, from all sources, under $300,000, you are exempt from the requirements to report:

i. subawards,

and

ii. the total compensation of the five most highly compensated executives of any subrecipient.

e. Definitions. For purposes of this award term:

1. Entity means all of the following, as defined in 2 CFR part 25:

i. A Governmental organization, which is a State, local government, or Indian tribe;

ii. A foreign public entity;

iii. A domestic or foreign nonprofit organization;

iv. A domestic or foreign for-profit organization;

v. A Federal agency, but only as a subrecipient under an award or subaward to a non-Federal entity.

2. Executive means officers, managing partners, or any other employees in management positions.

3. Subaward:

i. This term means a legal instrument to provide support for the performance of any portion of the substantive project or program for which you received this award and that you as the recipient award to an eligible subrecipient.

ii. The term does not include your procurement of property and services needed to carry out the project or program (for further explanation, see Sec. --.210 of the attachment to OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations").

iii. A subaward may be provided through any legal agreement, including an agreement that you or a subrecipient considers a contract.

4. Subrecipient means an entity that:

i. Receives a subaward from you (the recipient) under this award; and

ii. Is accountable to you for the use of the Federal funds provided by the subaward.

5. Total compensation means the cash and noncash dollar value earned by the executive during the recipient's or subrecipient's preceding fiscal year and includes the following (for more information see 17 CFR 229.402(c)(2)):

i. Salary and bonus .

ii. *Awards of stock, stock options, and stock appreciation rights* . Use the dollar amount recognized for financial statement reporting purposes with respect to the fiscal year in accordance with the Statement of Financial Accounting Standards No. 123 (Revised 2004) (FAS 123R), Shared Based Payments.

iii. *Earnings for services under non-equity incentive plans* . This does not include group life, health, hospitalization or medical reimbursement plans that do not discriminate in favor of executives, and are available generally to all salaried employees.

iv. *Change in pension value.* This is the change in present value of defined benefit and actuarial pension plans.

v. *Above-market earnings on deferred compensation which is not tax-qualified* .

vi. Other compensation, if the aggregate value of all such other compensation (e.g. severance, termination payments, value of life insurance paid on behalf of the employee, perquisites or property) for the executive exceeds $10,000.

19. a. The recipient agrees to:

(1) Establish all subaward agreements in writing;

(2) Maintain primary responsibility for ensuring successful completion of the EPA-approved project (this responsibility cannot be delegated or transferred to a subrecipient);

(3) Ensure that any subawards comply with the standards in Section 210(a)-(d) of OMB Circular A-133 and are not used to acquire commercial goods or services for the recipient;

(4) Ensure that any subawards are awarded to eligible subrecipients and that proposed subaward costs are necessary, reasonable, and allocable;
(5) Ensure that any subawards to 501(c)(4) organizations do not involve lobbying activities;
(6) Monitor the performance of their recipients and ensure that they comply with all applicable regulations, statutes, and terms and conditions which flow down in the subaward;
(7) Obtain EPA's consent before making a subaward to a foreign or international organization, or a subaward to be performed in a foreign country; and
(8) Obtain approval from EPA for any new subaward work that is not outlined in the approved work plan in accordance with 40 CFR Parts 30.25 and 31.30, as applicable.
b. Any questions about subrecipient eligibility or other issues pertaining to subawards should be addressed to the recipient's EPA Project Officer. Additional information regarding subawards may be found at http://www.epa.gov/ogd/guide/subaward-policy-part-2.pdf. Guidance for distinguishing between vendor and subrecipient relationships and ensuring compliance with Section 210(a)-(d) of OMB Circular A-133 can be found at http://www.epa.gov/ogd/guide/subawards-appendix-b.pdf and http://www.whitehouse.gov/omb/circulars/a133/a133.html.
c. The recipient is responsible for selecting its subrecipients and, if applicable, for conducting subaward competitions.

20. Recipients shall fully comply with Subpart C of 2 CFR Part 180 entitled, "Responsibilities of Participants Regarding Transactions Doing Business With Other Persons," as implemented and supplemented by 2 CFR Part 1532. Recipient is responsible for ensuring that any lower tier covered transaction, as described in Subpart B of 2 CFR Part 180, entitled "Covered Transactions," includes a term or condition requiring compliance with Subpart C. Recipient is responsible for further requiring the inclusion of a similar term or condition in any subsequent lower tier covered transactions. Recipient acknowledges that failing to disclose the information required under 2 CFR 180.335 may result in the delay or negation of this assistance agreement, or pursuance of legal remedies, including suspension and debarment.

Recipients may access the Excluded Parties List System at http://www.epls.gov. This term and condition supersedes EPA Form 5700-49, "Certification Regarding Debarment, Suspension, and Other Responsibility Matters."

21. I. Trafficking in persons.

a. *Provisions applicable to a recipient that is a private entity* .
1. You as the recipient, your employees, subrecipients under this award, and subrecipients' employees may not—
i. Engage in severe forms of trafficking in persons during the period of time that the award is in effect;
ii. Procure a commercial sex act during the period of time that the award is in effect; or
iii. Use forced labor in the performance of the award or subawards under the award.

2. We as the Federal awarding agency may unilaterally terminate this award, without penalty, if you or a subrecipient that is a private entity —
i. Is determined to have violated a prohibition in paragraph a.1 of this award term; or
ii. Has an employee who is determined by the agency official authorized to terminate the award to have violated a prohibition in paragraph a.1 of this award term through conduct that

is either—

A. Associated with performance under this award; or

B. Imputed to you or the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, ''OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement),'' as implemented by our Agency at 2 CFR 1532.

b. *Provision applicable to a recipient other than a private entity* . We as the Federal awarding agency may unilaterally terminate this award, without penalty, if a subrecipient that is a private entity—

1. Is determined to have violated an applicable prohibition in paragraph a.1 of this award term; or

2. Has an employee who is determined by the agency official authorized to terminate the award to have violated an applicable prohibition in paragraph a.1 of this award term through conduct that is either—

i. Associated with performance under this award; or

ii. Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, ''OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement),'' as implemented by our agency at 2 CFR 1532

c. *Provisions applicable to any recipient* .

1. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph a.1 of this award term.

2. Our right to terminate unilaterally that is described in paragraph a.2 or b of this section:

i. Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. 7104(g)), and

ii. Is in addition to all other remedies for noncompliance that are available to us under this award.

3. You must include the requirements of paragraph a.1 of this award term in any subaward you make to a private entity.

d. *Definitions* . For purposes of this award term:

1. ''Employee'' means either:

i. An individual employed by you or a subrecipient who is engaged in the performance of the project or program under this award; or

ii. Another person engaged in the performance of the project or program under this award and not compensated by you including, but not limited to, a volunteer or individual whose services are contributed by a third party as an in-kind contribution toward cost sharing or matching requirements.

2. ''Forced labor'' means labor obtained by any of the following methods: the recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purpose of subjection to involuntary servitude, peonage, debt bondage, or slavery.

3. ''Private entity'':

i. Means any entity other than a State, local government, Indian tribe, or foreign

public entity, as those terms are defined in 2 CFR 175.25.

ii. Includes:

A. A nonprofit organization, including any nonprofit institution of higher education, hospital, or tribal organization other than one included in the definition of Indian tribe at 2 CFR 175.25(b).

B. A for-profit organization.

4. ''Severe forms of trafficking in persons,'' ''commercial sex act,'' and ''coercion'' have the meanings given at section 103 of the TVPA, as amended (22 U.S.C. 7102).

22. To implement requirements of Section 106 of the Trafficking Victims Protection Act of 2000, as amended, the following provisions apply to this award:

a. We, as the Federal awarding agency may unilaterally terminate this award, without penalty, if a subrecipient that is a private entity: (1) is determined to have violated an applicable prohibition in the Prohibition Statement below; or (2) has an employee who is determined by the agency official authorized to terminate the award to have violated an applicable prohibition in the Prohibition Statement below through conduct that is either: (a) associated with performance under this award; or (b) imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," as implemented by our agency at 2 CFR part 1532. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in the Prohibition Statement below.

b. Our right to terminate unilaterally that is described in paragraph a of this award term: (1) implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. 7104(g)), and (2) is in addition to all other remedies for noncompliance that are available to us under this award.

c. You must include the requirements of the Prohibition Statement below in any subaward you make to a private entity.

Prohibition Statement - You as the recipient, your employees, subrecipients under this award, and subrecipients' employees may not engage in severe forms of trafficking in persons during the period of time that the award is in effect; procure a commercial sex act during the period of time that the award is in effect; or use forced labor in the performance of the award or subawards under the award.

23. Pursuant to 40 CFR 31.41(b) and 31.50(b), EPA recipients shall submit an annual Federal Financial Report (SF-425) to EPA no later than 90 calendar days following the end of the reporting quarter

The following reporting period end dates shall be used for interim reports: 3/31, 6/30, 9/30, or 12/31.

At the end of the project, the recipient must submit a final Federal Financial Report to EPA no later than 90 calendar days after the end of the project period. The form is available on the internet at http://www.epa.gov/ocfo/finservices/forms.htm . All FFRs must be submitted to the Las Vegas Finance Center: US EPA, LVFC, PO Box 98515, Las Vegas, NV 89193, or by Fax to: 702-798-2423.

The LVFC will make adjustments, as necessary, to obligated funds after reviewing and accepting a final Federal Financial Report. Recipients will be notified and instructed by EPA if they must complete any additional forms for the closeout of the assistance agreement.

EPA may take enforcement actions in accordance with 40 CFR 31.43 if the recipient does not comply with this term and condition.

Programmatic Conditions

FY 11 Capitalization Grant (utilizing FY 10 Allotment), CS-400002-11-0
Programmatic Conditions

1. The State agrees to administer the State Revolving Fund (SRF) Program in accordance with presentations made within the Application for Federal Assistance dated March 9, 2011, and the Intended Use Plan (IUP) which are incorporated by reference into this grant agreement, provided that, if a presentation in the IUP or the application conflicts with a term and condition contained herein, the term and condition shall take precedence. All funds for this grant will be restricted until the IUP is approved and the programmatic conditions are met. See attached Conditions.

2. The State agrees to comply with the terms and conditions of the Operating Agreement between the Oklahoma Water Resources Board (OWRB) and the U.S. Environmental Protection Agency, Region 6, as revised, which is incorporated herein by this reference, in administering the State Revolving Fund Program.

3. Grant Payments:

   A. The State agrees to accept payments from EPA (as increases to the amount of funds available in the EPA/ACH Payment System) in quarterly installments in accordance with the following schedule:

1st Qtr	FFY 2012	$ 908,850
2nd Qtr	FFY 2012	$ 908,850
3rd Qtr	FFY 2012	$ 908,850

   B. The State agrees to deposit into its SRF at least 20 percent of the amount of each grant payment on or before the date on which the State receives each payment from this capitalization grant. If the State maintains its match in an LOC or other financial arrangement similar to the Federal LOC, the State's proportional share must be converted to cash when the Federal LOC is drawn upon.

   C. Each request for cash draw from the EPA/ACH Payment System must be submitted separately from requests for other program cash draws from the EPA/ACH Payment System.

   D. The State will ensure that the cumulative amount of State match drawn into the fund will always be at least equal to 16.67% of the cumulative amounts of both State match and Federal funds drawn into the fund as specified at 40 CFR 35.3155 (d)(5). Interest earned on fund balances will remain in the fund.

4. The principal "PARTS" of 40 CFR applicable to this grant are:
PART 32 "Debarment and Suspension under EPA Assistance Programs:" and PART 35 "State Revolving Fund Program Implementation Regulation Rule."

The State will not provide loan assistance from the SRF to applicants for the non-federal share of costs of treatment work projects for which such recipient is receiving assistance from EPA under any other authority. Additionally, the State will restrict use of the federally capitalized fund for loan and bond subsidies.

5. Projects which began construction prior to March 7, 1985, will not be given financial assistance through refinancing, even if debt was incurred after March 7, 1985.

6. The State agrees to submit an Annual Report to the Regional Administrator on the actual uses of the SRF within 90 days after the end of the State Fiscal Year.

7. The Regional office will generally complete the SRF Annual Review within 120 days after receipt of the SRF Annual Report.

8. The State represents that it has previously certified that it will assist EPA in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended and such certification has been submitted to EPA. The State shall carry out the requirements of 36 CFR 800 et seq., and all applicable standards and guidelines of the Advisory Council on Historic Preservation for all SRF activities receiving EPA assistance.

9. In accordance with 40 CFR Part 35.3165, the State may conduct or arrange to have conducted an annual independent financial and compliance audit of its SRF program (in accordance with generally accepted government auditing standards which are usually defined, but not limited to, those contained in the U.S. General Accounting Office (GAO) publication "Government Auditing Standards," as revised). The audit report must contain: an opinion on the financial statements of the SRF: a report on the internal controls: and a report on compliance with Title VI of the Clean Water Act (CWA). The State audit report should be completed within one year of the end of the State SRF fiscal year. Three copies of the report should be submitted to the EPA Regional Office. These audits may be done in conjunction with audits conducted in accordance with the Single Audit Act. However, Single Audit Act audits will not replace this requirement or vice versa.

10. Funds used from the Clean Water State Revolving Fund (CWSRF) for administrative expenses will not exceed four percent (4%) of the cumulative amount of the grant awards, in accordance with 40 CFR Section 35.3120(g)(1). Expenses of the SRF in excess of that amount must be paid from other sources outside the CWSRF.

    Unless further relief from this requirement is provided for in the FY 2011 Appropriations Bill, beginning in FY 2011, costs for administering the CWSRF that are included within loans and disbursed from the CWSRF are to be calculated as part of the four percent (4%) administrative ceiling set by Title VI of the Clean Water Act.

11. CWSRF administrative fees earned during the grant period, and held in accounts outside the CWSRF, shall only be used for purposes directly related to the CWSRF program. However, administrative fees earned after the grant period may be used for various water quality activities. The uses of all fees must be consistent with EPA "Guidance on Fees Charged by States to Recipients of CWSRF Program Assistance", issued October 20, 2005. Fees held in said accounts shall be audited and reported upon annually. Interest earned on said fees will only be used for water quality activities or for the combined financial administration of the CWSRF and DWSRF Funds where the programs are administered by the same State agency.

12. The assistance recipient agrees to comply with Executive Order 13202 (Feb. 22, 2001, 66 Fed. Reg. 11225) of February 17, 2001, entitled "Preservation of Open Competition and Government Neutrality Towards Government Contractors' Labor Relations on Federal and Federally Funded Construction Projects," as amended by Executive Order 13208 (April 11, 2001, 66 Fed. Reg. 18717) of April 6, 2001, entitled "Amendment to Executive Order 13202, Preservation of Open Competition and Government Neutrality Towards Government Contractors' Labor Relations on Federal and Federally Funded Construction Projects."

13. The State of Oklahoma has determined that the cash draw proportionality ratio for its CWSRF program cash draws from the EPA ACH system will be 16.67% State and 83.33% Federal, in accordance with regulations governing cash draws at 40 CFR 35.3160(d)(4) and the Guide to Using EPA's Automated Clearing House for the State Revolving Fund Program. However, to satisfy State requirements, it is agreed the State is permitted to draw State match funds at a rate of 100% until such funds are exhausted, after which the State will draw 100% Federal funds, provided this process does not alter any other requirement that would have been in effect had the 16.67% - 83.33% ratio been used.

14. To address the performance measures for the CWSRF Fiscal Year (SFY 2011) program, the OWRB will complete the Environmental Benefits form (version dated 2-15-05) for each CWSRF project loan closed during Fiscal Year 2011 and will include the information in the SFY 2011 CWSRF Annual Performance Report.

15. The State agrees that the projects or activities assisted with funds "directly made available by" capitalization grants, will comply with cross-cutting authorities, and the State will notify the Regional Administrator when consultation or coordination with other Federal agencies is necessary to resolve compliance issues.

16. Wage Rate Requirements:

a. CWSRF: The recipient agrees to include in all agreements to provide assistance for the construction of treatment works carried out in whole or in part with such assistance made available by a State water pollution control revolving fund as authorized by title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.), or with such assistance

made available under section 205(m) of that Act (33 U.S.C. 1285(m)), or both, a term and condition requiring compliance with the requirements of section 513 of that Act (33 U.S.C. 1372) in all procurement contracts and sub-grants, and require that loan recipients, procurement contractors and sub-grantees include such a term and condition in subcontracts and other lower tiered transactions. All contracts and subcontracts for the construction of treatment works carried out in whole or in part with assistance made available as stated herein shall insert in full in any contract in excess of $2,000 the contract clauses as attached hereto entitled "Wage Rate Requirements under FY 2010 Appropriations." This term and condition applies to all agreements to provide assistance under the authorities referenced herein, whether in the form of a loan, bond purchase, grant, or any other vehicle to provide financing for a project, where such agreements are executed on or after October 30, 2009 and before October 1, 2010.

17. EPA may terminate the assistance agreement for failure of the recipient to make sufficient progress so as to reasonably ensure completion of the project within the project period, including any extensions. EPA will measure sufficient progress by examining the performance required under the work plan in conjunction with the milestone schedule, the time remaining for performance within the project period, and/or the availability of funds necessary to complete the project.

18. The FY 2011 allocation for the CWSRF Program was not released prior to the drafting of the Funding Recommendation as EPA did not have a budget. Therefore, the final allotment for states will be adjusted or may be rescinded as the budget dictates.

See the attached supplemental conditions

ATTACHMENT 1

Required Grant Conditions

1. The recipient of funds for the State Revolving Funds from P.L. 111-88, the FY 2010 Interior and Environment Appropriation, agrees to comply with all requests for data related to the use of the funds under Subchapter VI of the Clean Water Act (CWA) or Section 1452 of the Safe Drinking Water Act (SDWA), and to report all uses of the funds no less than quarterly, as EPA specifies for the CWSRF Benefits Reporting database and the Drinking Water Project Benefits Reporting database. This reporting shall include but not be limited to data with respect to compliance with the Green Project Reserve and additional subsidization requirements as specified in the FY 2010 Interior and Environment Appropriation and the Conference Report (H. Rpt. 111-316) and as outlined in the FY 2010 Procedures document, and other data as necessary to carry out the authorities cited in this Grant Condition.

2. In accordance with 40 CFR 31.40, 40 CFR 35.3165, and 40 CFR 35.3570, the recipient agrees to provide in its Annual Report information regarding key project characteristics, milestones, and environmental/public health protection results in the following areas: 1) achievement of the outputs and outcomes established in the Intended Use Plan; 2) the reasons for delays if established outputs or outcomes were not met; 3) any additional pertinent information on environmental results; 4) compliance with the Green Project Reserve requirement as outlined in the FY 2010 procedures document; and 5) compliance with the additional subsidization requirement as described in the FY 2010 procedures document.

3. Preamble:

The 2010 Appropriation to the CWSRF and DWSRF programs requires that a portion of the capitalization grant funds be used to provide additional subsidization, while relying on the purposes of the Funds in their underlying acts.

The application of the additional subsidies – in the form in which they are authorized in the FY 2010 Appropriation – to the base SRF programs raises important issues for the underlying SRF programs. While the DWSRF program has since its inception offered discretion to States to provide additional subsidization, that authority was closely circumscribed by requirements that communities assisted meet the State's definition of "disadvantaged," and that the subsidies provided in any year could not exceed 30 percent of the capitalization grant. In contrast, the FY 2010 Appropriation is more demanding and expansive. It requires States to provide a minimum of 30 percent in additional subsidies, and authorizes States to provide up to 49.92 percent of the capitalization grant in the CWSRF, and up to the entire amount of the grant in the DWSRF, in additional subsidization to any "eligible recipients" of SRF assistance.

Moreover, the similar provision in ARRA was in a one-time, supplemental appropriation that was in addition to the base SRF program appropriation for FY 2009. The additional subsidization provision in FY 2010 comes in the appropriation for the base SRF programs. By authorizing States to provide up to a majority (CWSRF) or entirety (DWSRF) of the base SRF program capitalization grant in additional subsidies, this FY 2010 provision contemplates the possibility that, for the first time, a minority or none of these base program capitalization grant funds will be repaid into the State Revolving Funds.

Under these circumstances, in which a large amount of base program capitalization grant funds will not revolve, it is prudent to include additional specifications in the capitalization agreements with States that ensure that the subsidies are funding infrastructure that is sustainable (not enabling the expansion of centralized infrastructure to accommodate growth while failing to adequately repair, replace, and upgrade infrastructure in existing communities who are not otherwise able to afford such projects). Section 602(a) of the CWA and section 1452(a)(3)(A)(i) of SDWA gives the authority to add such specifications to the capitalization grant. CWA Section 602(a) specifies that the "State shall enter into an agreement with the Administrator which shall include but not be limited to the specifications set forth in subsection (b)…." SDWA Section 1452(g)(3)(A) authorizes EPA to publish guidance "to ensure that

each state commits and expends funds allotted to the State under this section as efficiently as possible." Therefore, EPA is adding a grant condition to all FY 2010 CWSRF and DWSRF capitalization grants.

a. The recipient agrees to use funds provided by this grant to provide additional subsidization in the form of principal forgiveness, negative interest rate loans, or grants, in accordance with P.L. 111-88 as follows:

(1) Clean Water State Revolving Fund capitalization recipients agree to use at least 14.98 percent, and no more than 49.92 percent of the funds provided by this grant to provide additional subsidization in accordance with P.L. 111-88. (For the exact amount, see attachment to the 2010 Procedures.)

(2) Drinking Water State Revolving Fund capitalization grant recipients agree to use at least 30 percent of the funds provided by this grant to provide additional subsidization in accordance with P.L. 11-88.

b. Priority for additional subsidies should be given to communities that could not otherwise afford such projects. To further ensure sustainability of projects receiving additional subsidies, these subsidies should be directed to: 1) repair, replacement, and upgrade of infrastructure in existing communities; 2) investigations, studies, or plans that improve the technical, financial and managerial capacity of the assistance recipient to operate, maintain, and replace financed infrastructure; and/or 3) preliminary planning, alternatives assessment and eligible capital projects that reflect the full life cycle costs of infrastructure assets, conservation of natural resources, and alternative approaches to integrate natural or "green" systems into the built environment. The recipient agrees to provide in its Annual Report an explanation as to how they did or did not address this provision.

4. The recipient agrees to make a timely and concerted solicitation for projects that address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities. The recipient agrees to include in its IUP such qualified projects, or

components of projects, that total an amount at least equal to 20% of its capitalization grant. If there are not sufficient qualified projects or components already in the IUP that total 20% of the FY2010 funds available, the recipient agrees to conduct additional solicitation, to amend its project list to include any such qualified projects thus identified, and to provide not less than 20% of such FY 2010 funds available to such projects on its amended project list.. If there are not sufficient qualified projects or components on the amended project list after such additional solicitation, the recipient may if necessary submit a waiver request to EPA in accordance with the FY 2010 Procedures.

5. Wage Rate Requirements:

a. CWSRF: The recipient agrees to include in all agreements to provide assistance for the construction of treatment works carried out in whole or in part with such assistance made available by a State water pollution control revolving fund as authorized by title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.), or with such assistance made available under section 205(m) of that Act (33 U.S.C. 1285(m)), or both, a term and condition requiring compliance with the requirements of section 513 of that Act (33 U.S.C. 1372) in all procurement contracts and sub-grants, and require that loan recipients, procurement contractors and sub-grantees include such a term and condition in subcontracts and other lower tiered transactions. All contracts and subcontracts for the construction of treatment works carried out in whole or in part with assistance made available as stated herein shall insert in full in any contract in excess of $2,000 the contract clauses as attached hereto entitled "Wage Rate Requirements Under FY 2010 Appropriations." This term and condition applies to all agreements to provide assistance under the authorities referenced herein, whether in the form of a loan, bond purchase, grant, or any other vehicle to provide financing for a project, where such agreements are executed on or after October 30, 2009 and before October 1, 2010.

b. DWSRF: The recipient agrees to include in all agreements to provide assistance for any construction project carried out in whole or in part with such assistance made available by a drinking water treatment revolving loan fund as authorized by section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12), a term and condition requiring compliance with the requirements of section 1450(e) of the Safe Drinking Water Act (42

U.S.C.300j-9(e)) in all procurement contracts and sub-grants, and require that loan recipients, procurement contractors and sub-grantees include such a term and condition in subcontracts and other lower tiered transactions All contracts and subcontracts for any construction project carried out in whole or in part with assistance made available as stated herein shall insert in full in any contract in excess of $2,000 the contract clauses as attached hereto entitled "Wage Rate Requirements Under FY 2010 Appropriations." This term and condition applies to all agreements to provide assistance under the authorities referenced herein, whether in the form of a loan, bond purchase, grant, or any other vehicle to provide financing for a project, where such agreements are executed on or after October 30, 2009 and before October 1, 2010.

Attachment 26: ARRA Capitalization Grant Award with Conditions
CA# 2W-966885-01

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Oklahoma Water Resources Board

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Assistance Amendment

ASSISTANCE ID NO.			DATE OF AWARD
PRG	DOC ID	AMEND#	08/17/2009
2W -	96688501	- 1	
TYPE OF ACTION: No Cost Amendment			MAILING DATE: 08/17/2009
PAYMENT METHOD: ACH			ACH# 60638

RECIPIENT TYPE:
State

Send Payment Request to:
Las Vegas Finance Center

RECIPIENT:
Oklahoma Water Resources Board
3800 N. Classen Blvd.
Oklahoma City, OK 73118
EIN: 73-6017987

PAYEE:
Oklahoma Water Resources Board
3800 N. Classen Blvd.
Oklahoma City, OK 73118

PROJECT MANAGER	EPA PROJECT OFFICER	EPA GRANT SPECIALIST
Monte R. Boyce 3800 N. Classen Blvd. Oklahoma City, OK 73118 **E-Mail:** mrboyce@owrb.ok.gov **Phone:** 405 530-8800	Susanne Mann Water Quality Protection Division, 6WQ-AP **E-Mail:** Mann.Susanne@epamail.epa.gov **Phone:** 214-665-7108	Belenthia Epps Grant Programs Section, 6MD-CG **E-Mail:** Epps.Belenthia@epamail.epa.gov **Phone:** 214-665-8390

PROJECT TITLE AND EXPLANATION OF CHANGES
Clean Water State Revolving Fund - American Recovery and Reinvestment Act of 2009
This amendment adds the Wage Rate Requirements under Section 1606 of the American Recovery and Reinvestment Act of 2009 term and condition. This change is at no additional cost to the government.

BUDGET PERIOD	PROJECT PERIOD	TOTAL BUDGET PERIOD COST	TOTAL PROJECT PERIOD COST
12/01/2008 - 11/30/2014	12/01/2008 - 11/30/2014	$31,662,100.00	$31,662,100.00

NOTICE OF AWARD

Based on your application dated 03/09/2009, including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA), hereby awards $. EPA agrees to cost-share 100.00% of all approved budget period costs incurred, up to and not exceeding total federal funding of $31,662,100. Such award may be terminated by EPA without further cause if the recipient fails to provide timely affirmation of the award by signing under the Affirmation of Award section and returning all pages of this agreement to the Grants Management Office listed below within 21 days after receipt, or any extension of time, as may be granted by EPA. This agreement is subject to applicable EPA statutory provisions. The applicable regulatory provisions are 40 CFR Chapter 1, Subchapter B, and all terms and conditions of this agreement and any attachments.

ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)	AWARD APPROVAL OFFICE
ORGANIZATION / ADDRESS	ORGANIZATION / ADDRESS
Grant Programs Section, 6MD-CG 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733	U.S. EPA, Region 6 Water Quality Protection Division 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733

THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY

SIGNATURE OF AWARD OFFICIAL	TYPED NAME AND TITLE	DATE
Digital signature applied by EPA Award Official	Belenthia Epps, Grants Specialist	08/17/2009

AFFIRMATION OF AWARD

BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION

SIGNATURE	TYPED NAME AND TITLE	DATE
Rudolf J. Herrmann	~~Jess Mark Nichols~~, Chairman Rudolf J. Herrmann	9-08-09

EPA Funding Information

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	$ 31,662,100	$	$ 31,662,100
EPA In-Kind Amount	$ 0	$	$ 0
Unexpended Prior Year Balance	$ 0	$	$ 0
Other Federal Funds	$ 0	$	$ 0
Recipient Contribution	$ 0	$	$ 0
State Contribution	$ 0	$	$ 0
Local Contribution	$ 0	$	$ 0
Other Contribution	$ 0	$	$ 0
Allowable Project Cost	$ 31,662,100	$ 0	$ 31,662,100

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.458 - Capitalization Grants for State Revolving Fund	American Recovery and Reinvestment Act of 2009 Clean Water Act: Title VI	40 CFR PTS 31 & 35 SUBPRT K

Fiscal

Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation

Budget Summary Page: Clean Water SRF ARRA Funds

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	$435,260
2. Fringe Benefits	$262,374
3. Travel	$0
4. Equipment	$0
5. Supplies	$0
6. Contractual	$0
7. Construction	$0
8. Other	$30,395,616
9. Total Direct Charges	$31,093,250
10. Indirect Costs: % Base	$568,850
11. Total (Share: Recipient 0.00 % Federal 100.00 %.)	$31,662,100
12. Total Approved Assistance Amount	$31,662,100
13. Program Income	$0
14. Total EPA Amount Awarded This Action	$0
15. Total EPA Amount Awarded To Date	$31,662,100

Clean Water State Revolving ARRA Fund Program

Table B - Program Element Classification (Non-construction)	Total Approved Allowable Budget Period Cost
1. 4% Administrative Funds	$1,266,484
2. Loans Disbsursements - Construction	$30,395,616
3.	$
4.	$
5.	$
6.	$
7.	$
8.	$
9.	$
10.	$
11. Total (Share: Recip 0.00 % Fed 100.00 %)	$31,662,100
12. Total Approved Assistance Amount	$31,662,100

Administrative Conditions

33. EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE BASIC ASSISTANCE AGREEMENT, INCLUDING PRIOR AMENDMENTS, REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

Programmatic Conditions

Revised Condition Number 13

13. The State agrees to submit an ARRA Annual Report to the Regional Administrator on the actual uses of the ARRA SRF within 90 days after the end of the State Fiscal Year.

Additonal Condition(s)

21. **Wage Rate Requirements under Section 1606 of the American Recovery and Reinvestment Act of 2009**

Preamble

Section 1606 of the Recovery Act requires that all laborers and mechanics employed by contractors and subcontractors on projects funded directly by or assisted in whole or in part by and through the Federal Government pursuant to the Recovery Act shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code.

Pursuant to Reorganization Plan No. 14 and the Copeland Act, 40 U.S.C. 3145, the Department of Labor has issued regulations at 29 CFR Parts 1, 3, and 5 to implement the Davis-Bacon (DB) and related Acts. Regulations in 29 CFR 5.5 instruct agencies concerning application of the standard DB contract clauses set forth in that section. Federal agencies providing grants, cooperative agreements, and loans under the Recovery Act shall ensure that the standard DB contract clauses found in 29 CFR 5.5(a) are incorporated in any resultant covered contracts that are in excess of $2,000 for construction, alteration or repair (including painting and decorating).

For additional guidance on the wage rate requirements of section 1606, contact your awarding agency. Recipients of grants, cooperative agreements and loans should direct their initial inquiries concerning the application of DB requirements to a particular federally assisted project to the Federal agency funding the project. The Secretary of Labor retains final coverage authority under Reorganization Plan Number 14.

With respect to the Clean Water and Safe Drinking Water State revolving Funds, EPA provides capitalization grants to each State which in turn provides subgrants or loans to eligible entities within the State. Typically, the subrecipients are municipal or other local governmental entities that manage the funds. For these types of recipients, the provisions set forth under Roman Numeral I, below, shall apply. Although EPA and the State remain responsible for ensuring subrecipients' compliance with the wage rate requirements set forth herein, those subrecipients shall have the primary responsibility to maintain payroll records as described in Section 3(ii)(A), below and for compliance as described in Section I-5.

Occasionally, the subrecipient may be a private for profit or not for profit entity. For these types of

recipients, the provisions set forth in Roman Numeral II, below, shall apply. Although EPA and the State remain responsible for ensuring subrecipients' compliance with the wage rate requirements set forth herein, those subrecipients shall have the primary responsibility to maintain payroll records as described in Section II-3(ii)(A), below and for compliance as described in Section II-5.

I. Requirements under Section 1606 of the American Recovery and ReinvestmentAct For Subrecipients That Are Governmental Entities

The following terms and conditions specify how recipients will assist EPA in meeting its DB responsibilities when DB applies to EPA awards of financial assistance under the Recovery Act with respect to State recipients and subrecipients that are governmental entities. If a subrecipient has questions regarding when DB applies, obtaining the correct DB wage determinations, DB provisions, or compliance monitoring, it may contact the State recipient. If a State recipient needs guidance, the recipient may contact Susanne Mann, EPA Project Officer for guidance. The recipient or subrecipient may also obtain additional guidance from DOL's web site at http://www.dol.gov/esa/whd/recovery/

1. Applicability of the Davis- Bacon (DB) prevailing wage requirements.

   Davis-Bacon prevailing wage requirements apply to the construction, alteration, and repair activity of infrastructure, including all construction, alteration and repair activity involving waste water or drinking water treatment plants is subject to DB. If a subrecipient encounters a unique situation at a site that presents uncertainties regarding DB applicability, the subrecipient must discuss the situation with the recipient State before authorizing work on that site.

2. Obtaining Wage Determinations.

(a) Subrecipients shall obtain the wage determination for the locality in which a covered activity subject to DB will take place prior to issuing requests for bids, proposals, quotes or other methods for soliciting contracts (solicitation) for activities subject to DB. These wage determinations shall be incorporated into solicitations and any subsequent contracts. Prime contracts must contain a provision requiring that subcontractors follow the wage determination incorporated into the prime contract.

(i) While the solicitation remains open, the subrecipient shall monitor www.wdol.gov. on a weekly basis to ensure that the wage determination contained in the solicitation remains current. The subrecipients shall amend the solicitation if DOL issues a modification more than 10 days prior to the closing date (i.e. bid opening) for the solicitation. If DOL modifies or supersedes the applicable wage determination less than 10 days prior to the closing date, the subrecipients may request a finding from the State recipient that there is not a reasonable time to notify interested contractors of the modification of the wage determination. The State recipient will provide a report of its findings to the subrecipient.

(ii) If the subrecipient does not award the contract within 90 days of the closure of the solicitation, any modifications or supersedes DOL makes to the wage determination contained in the solicitation shall be effective unless the State recipient, at the request of the subrecipient, obtains an extension of the 90 day period from DOL pursuant to 29 CFR 1.6(c)(3)(iv). The subrecipient shall monitor www.wdol.gov on a weekly basis if it does not award the contract within 90 days of closure of the solicitation to ensure that wage determinations contained in the solicitation remain current.

(b). If the subrecipient carries out activity subject to DB by issuing a task order, work assignment or similar instrument to an existing contractor (ordering instrument) rather than by publishing a solicitation, the subecipient shall insert the appropriate DOL wage determination from www.wdol.gov into the ordering instrument.

(c). Subrecipients shall review all subcontracts subject to DB entered into by prime contractors to verify that the prime contractor has required its subcontractors to include the applicable wage determinations.

(d) As provided in 29 CFR 1.6(f), DOL may issue a revised wage determination applicable to a subrecipient's contract after the award of a contract or the issuance of an ordering instrument if DOL determines that the subrecipient has failed to incorporate a wage determination or has used a wage determination that clearly does not apply to the contract or ordering instrument. If this occurs, the subecipient shall either terminate the contract or ordering instrument and issue a revised solicitation or ordering instrument or incorporate DOL's wage determination retroactive to the beginning of the contract or ordering instrument by change order. The subrecipient's contractor must be compensated for any increases in wages resulting from the use of DOL's revised wage determination.

3. Contract and Subcontract provisions.

(a) The Recipient shall insure that the **subrecipient**(s) shall insert in full in any contract in excess of $2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a public building or public work, or building or work financed in whole or in part from Federal funds or in accordance with guarantees of a Federal agency or financed from funds obtained by pledge of any contract of a Federal agency to make a loan, grant or annual contribution (except where a different meaning is expressly indicated), and which is subject to the labor standards provisions of any of the acts listed in § 5.1, the following clauses:

(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional

classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

Subrecipients may obtain wage determinations from the U.S. Department of Labor's web site, www.wdol.gov.

(ii)(A) The **subrecipient**(s), on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The EPA award official shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the **subrecipient**(s) agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the **subrecipient** (s) to the State award official. The State award official will transmit the report, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.

(C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the and the **subrecipient**(s) do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the questions, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

(2) Withholding. The **subrecipient**(s), shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the **subrecipient**, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State recipient or EPA. As to each payroll copy received, the **subrecipient** shall provide written confirmation in a form satisfactory to the State indicating whether or not the project is in compliance with the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required

weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the **subrecipient** (s) for transmission to the State or EPA if requested by EPA , the State, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the **subrecipient** (s).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees--

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide

apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this

part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

(5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

(6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may by appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

(7) Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

(8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

(9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and **Subrecipient**(s), State, EPA, the U.S. Department of Labor, or the employees or their representatives.

(10) Certification of eligibility.

(i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

4. **Contract Provision for Contracts in Excess of $100,000.**

(a) Contract Work Hours and Safety Standards Act. The **subrecipient** shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount in excess of $100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Item 3, above or 29 CFF 4.6 . As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of

forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (a)(1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (a)(1) of this section, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (a)(1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The **subrecipient,** upon written request of the EPA Award Official or an authorized representative of the Department of Labor, shall withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (a)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (a)(1) through (4) of this section.

(b) In addition to the clauses contained in Item 3, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in 29 CFR 5.1, the **Subrecipient** shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the **Subrecipient** shall insert in any such contract a clause providing hat the records to be maintained under this paragraph shall be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the Environmental Protection Agency and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

5. Compliance Verification

(a). The **subrecipient** shall periodically interview a sufficient number of employees entitled to DB prevailing wages (covered employees) to verify that contractors or subcontractors are paying the appropriate wage rates. As provided in 29 CFR 5.6(a)(6), all interviews must be conducted in

confidence. The **subrecipient** must use Standard Form 1445 or equivalent documentation to memorialize the interviews. Copies of the SF 1445 are available from EPA on request.

(b) The **subrecipient** shall establish and follow an interview schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, the **subrecipient** must conduct interviews with a representative group of covered employees within two weeks of each contractor or subcontractor's submission of its initial weekly payroll data and two weeks prior to the estimated completion date for the contract or subcontract. **Subrecipient**s must conduct more frequent interviews if the initial interviews or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB . **Subrecipient**s shall immediately conduct necessary interviews in response to an alleged violation of the prevailing wage requirements. All interviews shall be conducted in confidence.

(c). The **subrecipient** shall periodically conduct spot checks of a representative sample of weekly payroll data to verify that contractors or subcontractors are paying the appropriate wage rates. The **subrecipient** shall establish and follow a spot check schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, the **subrecipient** must spot check payroll data within two weeks of each contractor or subcontractor's submission of its initial payroll data and two weeks prior to the completion date the contract or subcontract . **Subrecipient**s must conduct more frequent spot checks if the initial spot check or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB . In addition, during the examinations the **subrecipient** shall verify evidence of fringe benefit plans and payments thereunder by contractors and subcontractors who claim credit for fringe benefit contributions.

(d). The **subrecipient** shall periodically review contractors and subcontractors use of apprentices and trainees to verify registration and certification with respect to apprenticeship and training programs approved by either the U.S Department of Labor or a state, as appropriate, and that contractors and subcontractors are not using disproportionate numbers of, laborers, trainees and apprentices. These reviews shall be conducted in accordance with the schedules for spot checks and interviews described in Item 5(b) and (c) above.

(e) **Subrecipient**s must immediately report potential violations of the DB prevailing wage requirements to the EPA DB contact listed above and to the appropriate DOL Wage and Hour District Office listed at http://www.dol.gov/esa/contacts/whd/america2.htm.

II. Requirements under Section 1606 of the American Recovery and ReinvestmentAct For Subrecipients That Are Not Governmental Entities

The following terms and conditions specify how recipients will assist EPA in meeting its DB responsibilities when DB applies to EPA awards of financial assistance under the Recovery Act with respect to subrecipients that are not governmental entities. If a subrecipient has questions regarding when DB applies, obtaining the correct DB wage determinations, DB provisions, or compliance monitoring, it may contact the State recipient for guidance. If a State recipient needs guidance, the recipient may contact (insertname or organizational unit Regional EPA DB contact) for guidance. The recipient or subrecipient may also obtain additional guidance from DOL's web site at http://www.dol.gov/esa/whd/recovery/

Under these terms and conditions, the subrecipient must submit its proposed DB wage determinations to the State recipient for approval prior to including the wage determination in any solicitation, contract task orders, work assignments, or similar instruments to existing contractors.

1. Applicability of the Davis- Bacon (DB) prevailing wage requirements.

Davis-Bacon prevailing wage requirements apply to the construction, alteration, and repair activity of infrastructure, including all construction, alteration and repair activity involving waste water or drinking water treatment plants is subject to DB. If a subrecipient encounters a unique situation at a site that presents uncertainties regarding DB applicability, the subrecipient must discuss the situation with the recipient State before authorizing work on that site.

2. Obtaining Wage Determinations.

(a) Subrecipients must obtain proposed wage determinations for specific localities at www.wdol.gov. After the Subrecipient obtains its proposed wage determination, it must submit the wage determination to (insert contact information for State recipient DB point of contact for wage determination) for approval prior to inserting the wage determination into a solicitation, contract or issuing task orders, work assignments or similar instruments to existing contractors (ordering instruments unless subsequently directed otherwise by the State recipient Award Official.

(b) Subrecipients shall obtain the wage determination for the locality in which a covered activity subject to DB will take place prior to issuing requests for bids, proposals, quotes or other methods for soliciting contracts (solicitation) for activities subject to DB. These wage determinations shall be incorporated into solicitations and any subsequent contracts. Prime contracts must contain a provision requiring that subcontractors follow the wage determination incorporated into the prime contract.

(i) While the solicitation remains open, the subrecipient shall monitor www.wdol.gov. on a weekly basis to ensure that the wage determination contained in the solicitation remains current. The subrecipients shall amend the solicitation if DOL issues a modification more than 10 days prior to the closing date (i.e. bid opening) for the solicitation. If DOL modifies or supersedes the applicable wage determination less than 10 days prior to the closing date, the subrecipients may request a finding from the State recipient that there is not a reasonable time to notify interested contractors of the modification of the wage determination. The State recipient will provide a report of its findings to the subrecipient.

(ii) If the subrecipient does not award the contract within 90 days of the closure of the solicitation, any modifications or supersedes DOL makes to the wage determination contained in the solicitation shall be effective unless the State recipient, at the request of the subrecipient, obtains an extension of the 90 day period from DOL pursuant to 29 CFR 1.6(c)(3)(iv). The subrecipient shall monitor www.wdol.gov on a weekly basis if it does not award the contract within 90 days of closure of the solicitation to ensure that wage determinations contained in the solicitation remain current.

(b). If the subrecipient carries out activity subject to DB by issuing a task order, work assignment or similar instrument to an existing contractor (ordering instrument) rather than by publishing a solicitation, the subecipient shall insert the appropriate DOL wage determination from www.wdol.gov into the ordering instrument.

(c). Subrecipients shall review all subcontracts subject to DB entered into by prime contractors to verify that the prime contractor has required its subcontractors to include the applicable wage determinations.

(d) As provided in 29 CFR 1.6(f), DOL may issue a revised wage determination applicable to a subrecipient's contract after the award of a contract or the issuance of an ordering instrument if DOL determines that the subrecipient has failed to incorporate a wage determination or has used a wage determination that clearly does not apply to the contract or ordering instrument. If this occurs, the subecipient shall either terminate the contract or ordering instrument and issue a revised solicitation or ordering instrument or incorporate DOL's wage determination retroactive to the beginning of the contract or ordering instrument by change order. The subrecipient's contractor must be compensated for any increases in wages resulting from the use of DOL's revised wage determination.

3. Contract and Subcontract provisions.

(a) The Recipient shall insure that the **subrecipient**(s) shall insert in full in any contract in excess of $2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a public building or public work, or building or work financed in whole or in part from Federal funds or in accordance with guarantees of a Federal agency or financed from funds obtained by pledge of any contract of a Federal agency to make a loan, grant or annual contribution (except where a different meaning is expressly indicated), and which is subject to the labor standards provisions of any of the acts listed in § 5.1, the following clauses:

(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

Subrecipients may obtain wage determinations from the U.S. Department of Labor's web site,

www.wdol.gov.

(ii)(A) The **subrecipient**(s), on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The EPA award official shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the **subrecipient**(s) agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the **subrecipient** (s) to the **State award official**. The **State award official** will transmit the report, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.

(C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the and the **subrecipient**(s) do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the questions, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

(2) Withholding. The **subrecipient**(s) shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the **subrecipient**, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State recipient or EPA. As to each payroll copy received, the **subrecipient** shall provide written confirmation in a form satisfactory to the State indicating whether or not the project is in compliance with the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the **subrecipient** (s) for transmission to the State or EPA if requested by EPA , the State, the contractor, or the Wage and Hour Division of the Department of Labor for purposes

of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the **subrecipient** (s).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees--

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any

craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

(5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

(6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in

29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may by appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

(7) Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

(8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

(9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and **Subrecipient**(s), State, EPA, the U.S. Department of Labor, or the employees or their representatives.

(10) Certification of eligibility.

(i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

4. **Contract Provision for Contracts in Excess of $100,000.**

(a) Contract Work Hours and Safety Standards Act. The **subrecipient** shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount in excess of $100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Item 3, above or 29 CFF 4.6 . As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the

United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The **subrecipient** shall upon the request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.

(c) In addition to the clauses contained in Item 3, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in 29 CFR 5.1, the **Subrecipient** shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the **Subrecipient** shall insert in any such contract a clause providing that the records to be maintained under this paragraph shall be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

5. Compliance Verification

(a). The **subrecipient** shall periodically interview a sufficient number of employees entitled to DB prevailing wages (covered employees) to verify that contractors or subcontractors are paying the appropriate wage rates. As provided in 29 CFR 5.6(a)(6), all interviews must be conducted in confidence. The **subrecipient** must use Standard Form 1445 or equivalent documentation to memorialize the interviews. Copies of the SF 1445 are available from EPA on request.

(b) The **subrecipient** shall establish and follow an interview schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, the **subrecipient** must conduct interviews with a representative group of covered employees within two weeks of each contractor or subcontractor's submission of its initial

weekly payroll data and two weeks prior to the estimated completion date for the contract or subcontract. **Subrecipient**s must conduct more frequent interviews if the initial interviews or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB . **Subrecipient**s shall immediately conduct necessary interviews in response to an alleged violation of the prevailing wage requirements. All interviews shall be conducted in confidence.

(c). The **subrecipient** shall periodically conduct spot checks of a representative sample of weekly payroll data to verify that contractors or subcontractors are paying the appropriate wage rates. The **subrecipient** shall establish and follow a spot check schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, the **subrecipient** must spot check payroll data within two weeks of each contractor or subcontractor's submission of its initial payroll data and two weeks prior to the completion date the contract or subcontract . **Subrecipient**s must conduct more frequent spot checks if the initial spot check or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB . In addition, during the examinations the **subrecipient** shall verify evidence of fringe benefit plans and payments thereunder by contractors and subcontractors who claim credit for fringe benefit contributions.

(d). The **subrecipient** shall periodically review contractors and subcontractors use of apprentices and trainees to verify registration and certification with respect to apprenticeship and training programs approved by either the U.S Department of Labor or a state, as appropriate, and that contractors and subcontractors are not using disproportionate numbers of, laborers, trainees and apprentices. These reviews shall be conducted in accordance with the schedules for spot checks and interviews described in Item 5(b) and (c) above.

(e) **Subrecipient**s must immediately report potential violations of the DB prevailing wage requirements to the EPA DB contact listed above and to the appropriate DOL Wage and Hour District Office listed at http://www.dol.gov/esa/contacts/whd/america2.htm.

Oklahoma SAAP Grants

Grantee	Amount	EPA Grant Number	NEPA Type & Target/Actual Date	Project Description	Status
FY 2001					
OWRB **3%**	$49,500	XP-976165-01	N/A		
Norman, OK	$1,597,000	XP-986829-01	EA/FNSI	WWTP Improvements	Project Complete
FY 2002					
OWRB **3%**	$87,000	XP-976298-01	N/A		
Lawton, OK	$1,940,000	XP-976164-01	EA/FNSI	Sewerline Rehabilitation	Project Complete
Norman, OK	$873,000	XP-976065-01	EA/FNSI	WWTP Improvements	Project Complete
FY 2003					
OWRB **3%**	$73,700	XP-976165-01	N/A		
Hulbert, OK	$216,800	XP-976904-01	EPA issued CE in December 2005	Lift station and line improvement	Project Complete
Altus, OK	$433,700		Multiple Meetings But No Info Yet	WWTP Improvements	Rescinded
Midwest City, OK	$433,700		EPA CE issued July 2008	Water Infrastructure improvement	Project Complete
Norman, OK	$1,301,000	XP-976588-01	EPA CE issued	WWTP Improvements	Project Complete
FY 2004					
OWRB **3%**(incr. FY 02)	$82,100	XP-976298-01	N/A		
Lawton, OK	$1,446,400	XP-976903-01	EA/FNSI	Water Infrastructure improvement	Project Complete
Norman, OK	$192,900	XP-976588-01	EPA CE issued	Sludge management system improvements	Project complete
Midwest City, OK	$192,900		EPA CE issued July 2008	Water Infrastructure improvement	Project Complete
Arcadia, OK	$313,400			New Wastewater line	Rescinded
Choctaw, OK	$313,400		EPA issued CE 08/05/08	WWTP Improvements	Rescinded
Seminole, OK	$192,900	XP-976855-01	EA/FNSI; 01/09/2007	Water Infrastructure improvement	Project Complete

Oklahoma SAAP Grants

Grantee	Amount	EPA Grant Number	NEPA Type & Target/Actual Date	Project Description	Status
FY 2005					
Seminole, OK	$962,200	XP-966279-01	EA/FNSI; 01/09/2007	Water Infrastructure improvement	Project Complete
Skiatook, OK	$96,200	XP-966099-01	EPA issued CE Feb. 9, 2006	WWTP Improvements	Project Complete
Marlow, OK	$96,200	XP-966173-01	CE; 06/09/2006	Water Infrastructure improvement	Project Complete
Meeker, OK	$77,000	XP-966385-01	EPA issued CE	Water Infrastructure improvement	Project Complete
Sulphur, OK	$192,400	XP-966622-01	EA/FNSI	Wastewater Collection System Improvement	Project Complete
FY 2006					
Wewoka, OK	$266,750		EPA issued CE 06/03/10	Water	Rescinded
Nicoma Park,OK	$194,000		EA/FNSI issued by EPA	Wastewater collection system	Project Complete
FY 2008					
Ardmore,OK	$300,000		No Project Info Yet	Water and Wastewater Project	Rescinded
FY 2009					
Ada	$500,000	XP-00F33501-0	EPA issued CE 01/26/2011	Water and Wastewater Project	Planning stage
McAlester	$300,000	XP-00F33601-0	EPA issued CE 02/14/11	Water	Project 99% complete
FY 2010					
Enid	$300,000	XP-00F47501-0	Draft CE sent to EPA 06/20/11	Wastewater Plant Improvement	95% complete
Lawton	$750,000			Water & Wastewater	Planning Stage