

## OUTSTANDING DEBT RATINGS

	Date of Issue	Final Maturity	Amount Issued	Amount Outstanding 11/30/2018	Underlying Rating (M/SP)	Insured Rating (M/SP)	Credit Enhancement	Effective Rating (M/SP)
<b>Tax Supported General Obligation Bonds</b>								
G.O. Emergency Facilities Refunding Bonds, 2009 Series A	07/07/09	6/1/2019	\$14,560,000	\$1,650,000	Aaa			Aaa
G.O. Public Safety Bonds, 2011 Series A	05/19/11	6/1/2026	\$25,835,000	\$15,195,000	Aaa			Aaa
G.O. Public Safety & Fire Refunding Bonds, 2014 Series A	03/27/14	6/15/2029	\$29,795,000	\$22,890,000	Aaa			Aaa
G.O. Public Safety, 2015 Series A	06/02/15	6/15/2029	\$17,145,000	\$14,095,000	Aaa			Aaa
G.O. Parks Bonds, 2015 Series C	07/30/15	6/15/2028	\$23,850,000	\$17,190,000	Aaa			Aaa
G.O. Housing Bonds, 2017 Series A	05/18/17	6/15/2037	\$35,085,000	\$34,050,000	Aaa			Aaa
G.O. Parks Bonds, 2018 Series A	01/18/18	6/15/2030	\$23,445,000	\$23,445,000	Aaa			Aaa
Tax Anticipation Notes, Series 2018 (FPD&R)	07/19/18	6/26/2019	\$35,725,000	\$35,725,000	MIG 1			MIG 1
<b>Full Faith &amp; Credit Obligations</b>								
Limited Tax Revenue Bonds, 2001 Series B	02/13/01	6/1/2030	\$18,058,888	\$4,840,382	Aaa			Aaa
Limited Tax Revenue Refunding Bonds, 2009 Series A	05/21/09	4/1/2024	\$21,450,000	\$9,855,000	Aaa			Aaa
Limited Tax Revenue Ref. Bonds, 2010 Series A (Ref 98B, 99B, 02A)	04/22/10	4/1/2020	\$7,745,000	\$895,000	Aaa			Aaa
Limited Tax Revenue Bonds, 2011 Series A (Convention Ctr Expan.)	10/06/11	6/1/2030	\$67,015,000	\$65,465,000	Aaa			Aaa
Limited Tax Revenue Bonds, 2011 Series B (ECC)	12/15/11	6/1/2026	\$5,445,000	\$3,360,000	Aaa			Aaa
Limited Tax Revenue Bonds, 2012 Series A (Jeld-Wen Field)	4/24/2012	6/1/2027	\$12,000,000	\$12,000,000	Aaa			Aaa
Limited Tax Rev. & Ref. Bonds, 2012 Series B (PTF/City Hall/Comm R)	5/24/2012	6/1/2022	\$21,865,000	\$5,850,000	Aaa			Aaa
Limited Tax Revenue Bonds, 2012 Series C (PMLRT)	9/20/2012	6/1/2022	\$36,160,000	\$28,410,000	Aaa			Aaa
Limited Tax Revenue Bonds, 2014 Series A (Sellwood Bridge Project)	6/17/2014	6/1/1934	\$44,215,000	\$38,340,000	Aaa			Aaa
Limited Tax Revenue Bonds, 2016 Series A (Lighting Eff Project)	11/29/2016	4/1/2026	\$16,220,000	\$13,150,000	Aaa			Aaa
Limited Tax Revenue & Ref Bonds, 2017 Series A (Sellwood & Archive)	6/15/2017	4/1/2037	\$35,780,000	\$35,250,000	Aaa			Aaa
Limited Tax Revenue Bonds, 2018 Series A (Ellington Apartments)	6/28/2018	3/1/2029	\$7,900,000	\$7,900,000	Aaa			Aaa
Limited Tax Revenue Bonds, 2018 Series B (Portland Building Project)	11/29/2018	6/15/2040	\$102,860,000	\$102,860,000	Aaa			Aaa
Limited Tax Pension Obligation Revenue Bonds, 1999 Series C	11/10/99	6/1/2029	\$150,848,346	\$134,503,346	Aaa		NPFG	Aaa (1)
Limited Tax Pension Obligation Revenue Bonds, 1999 Series D/E	11/10/99	6/1/2019	\$150,000,000	\$25,075,000	Aaa			Aaa
Limited Tax Housing Revenue Bonds, 2005 Series A	04/18/05	4/1/2035	\$10,480,000	\$7,875,000	Aaa			Aaa
Limited Tax Housing Revenue Bonds, 2005 Series D	06/21/05	6/1/2025	\$6,975,000	\$4,495,000	Aaa	Caa2	Ambac	Aaa
<b>Urban Renewal Bonds</b>								
Downtown Waterfront Urban Renewal								
2008 Series A	04/22/08	6/15/2024	\$50,165,000	\$29,495,000	Aa3			Aa3
2011 Series A	07/06/11	6/15/2020	\$30,370,000	\$9,525,000	Aa3			Aa3
South Park Blocks Urban Renewal								
2008 Series A and B	07/16/08	6/15/2024	\$66,600,000	\$35,380,000	Aa3			Aa3
Oregon Convention Center Urban Renewal								
2011 Series B	07/06/11	6/15/2020	\$29,685,000	\$9,330,000	Aa3			Aa3
2012 Series A	05/17/12	6/15/2025	\$69,760,000	\$69,760,000	Aa3			Aa3
River District Urban Renewal								
2012 Series A (Taxable)	08/02/12	6/15/2026	\$24,250,000	\$14,560,000	A1			A1
2012 Series B (Tax-Exempt Governmental)	08/02/12	6/15/2032	\$34,140,000	\$22,335,000	A1			A1
2012 Series C (Tax-Exempt Non-AMT Private Activity)	08/02/12	6/15/2031	\$15,275,000	\$15,275,000	A1			A1
Interstate Corridor Urban Renewal								
2011 Series A & B	08/11/11	6/15/2031	\$46,135,000	\$34,455,000	A1			A1
2015 Series A	03/17/15	6/15/2025	\$17,155,000	\$12,645,000	A1			A1
Lents Urban Renewal								
2010 Series A and B	06/24/10	6/15/2030	\$36,890,000	\$26,560,000	A1			A1
North Macadam Urban Renewal								
2010 Series A and B	09/23/10	6/15/2030	\$64,925,000	\$45,220,000	A1			A1
Central Eastside Urban Renewal								
2011 Series A and B	03/31/11	6/15/2030	\$29,690,000	\$22,525,000	A1			A1
<b>Sewer Revenue Bonds</b>								
<u>First Lien Bonds</u>								
2014 Series A	08/14/14	10/1/2024	\$86,165,000	\$56,760,000	Aa1/AA			Aa1/AA
2015 Series A	08/27/15	6/1/2031	\$329,805,000	\$231,580,000	Aa1/AA			Aa1/AA
2016 Series A	09/07/16	6/15/2033	\$156,650,000	\$155,795,000	Aa1/AA			Aa1/AA
<u>Second Lien Bonds</u>								
2010 Series A	08/19/10	3/1/2035	\$407,850,000	\$317,010,000	Aa2/AA-			Aa2/AA-
2013 Series A	04/03/03	6/1/2023	\$88,370,000	\$178,305,000	Aa2/AA-			Aa2/AA-
2014 Series B	08/14/14	10/1/2039	\$204,220,000	\$184,955,000	Aa2/AA-			Aa2/AA-
2015 Series B	08/27/15	6/1/2031	\$63,300,000	\$52,875,000	Aa2/AA-			Aa2/AA-
2016 Series B	09/07/16	6/15/2033	\$162,465,000	\$161,550,000	Aa2/AA-			Aa2/AA-
2018 Series A	05/03/18	5/1/2038	\$191,930,000	\$191,930,000	Aa2/AA-			Aa2/AA-

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<b>Water Revenue Bonds</b>								
<i>First Lien Bonds</i>								
2010 Series A	02/11/10	5/1/2035	\$73,440,000	\$58,170,000	Aaa			Aaa
2011 Series A	03/22/11	5/1/2036	\$82,835,000	\$68,185,000	Aaa			Aaa
2012 Series A	08/02/12	4/1/2037	\$76,510,000	\$63,330,000	Aaa			Aaa
2014 Series A	12/16/14	5/1/2039	\$84,975,000	\$75,385,000	Aaa			Aaa
2016 Series A	12/15/16	4/1/2041	\$168,525,000	\$156,845,000	Aaa			Aaa
<i>Second Lien Bonds</i>								
2013 Series A (Second Lien)	05/02/13	10/1/2037	\$253,635,000	\$192,690,000	Aa1			Aa1
<b>Assessment Bonds (4)</b>								
LTIB 2007 Series A	06/28/07	6/1/2027	\$41,745,000	\$15,755,000	Aaa	A3	NPFG	Aaa
LTIB 2010 Series A	04/29/10	6/1/2030	\$22,305,000	\$8,935,000	Aaa			Aaa
LTIB 2011 Series A	12/13/11	6/1/2032	\$3,400,000	\$920,000	Aaa			Aaa
LTIB 2014 Series A	6/26/2014	6/1/2034	\$7,385,000	\$3,050,000	Aaa			Aaa
LTIB 2018 Series A	11/1/2018	6/1/2039	\$10,800,000	\$10,800,000	Aaa			Aaa
<b>Gas Tax Revenue Bonds</b>								
2011 Series A	11/22/2011	2/1/2023	\$15,400,000	\$7,890,000	Aa2			Aa2

(1) Term bonds maturing on June 1, 2022 are not insured. All other bonds of this issue are insured by NPFG, which is currently rated A3 by Moody's. If an insured rating falls below the underlying rating, the bonds carry the underlying rating.