



RESOLUTION 2014-18

**A RESOLUTION ADOPTING THE BANKS WATER SYSTEM MASTER PLAN, AND
REVISED CAPITAL IMPROVEMENT (CIP) PROJECT LIST**

The Banks City Council adopts the following findings:

WHEREAS, the City Council previously adopted by motion a Water System Master Plan by motion and subsequently amended the Capital Improvement Plan (CIP) project list that is part of the City's Water System Master Plan; and

WHEREAS, the Council sees a need to adopt the Water System Master Plan through a more formal process, by resolution, and to adopt an up-dated CIP project list for purposes of prioritizing the City's water system capital improvement expenditures and use of System Development Charge revenues under ORS chapter 223; and

WHEREAS, the City Engineer presented the Council with a revised and up-dated CIP project list at the Council's regular October 14, 2014 meeting, at which time the Council took the opportunity to re-adopt the Water System Master Plan along with the up-dated CIP project list, collectively attached to this resolution as Exhibit 1 and incorporated herein by this reference.

NOW THEREFORE, BE IT RESOLVED by the Banks City Council that the Water System Master Plan and its incorporated Capital Improvement Plan (CIP) project list, attached hereto as Exhibit A and incorporated herein by this reference, is hereby adopted as the City's official guide for management, maintenance, operation and improvement of the City's water system.

ADOPTED, APPROVED AND EFFECTIVE this 14th day of October 2014.

Peter C. Edison, Mayor

Attest:

Angie Lanter, City Recorder

5 September 2014

Memorandum

To: Jolynn Becker – City of Banks
 From: Rob Peacock – Kennedy/Jenks Consultants
 Subject: Updated Water System Capital Improvement Plan 2014 (Revised 9/5/14)
 K/J 0791015*00

An updated Water System Capital Improvement Plan (CIP) is presented below. We added a Source Water Protection Plan for the springs and well field, a Water Master Plan Update, and a Water Management and Conservation Plan Update. The list has been arranged in chronological order, and the timing of the projects has been coordinated with the draft CIP provided in the rate study currently in development by Shaun Piggot & Associates. Projects 1, 3, 3.1, 3.2, and 4 from the 2011 CIP Update (attached) have been completed.

Water System Capital Improvement Plan

CIP Project	Description	Project Cost	Schedule ^(b)	SDC-Eligible Cost
	Water Conservation Management Plan Update	\$ 30,000	2014-2015	\$ 0
6	Distribution System Looping and Upgrades	\$ 620,000	2016-2026	\$ 0
	Source Water Protection Plan	\$ 50,000	2016-2017	\$ 0
11D	Investigate Alternative Water Providers	\$ 0	2016	\$ 0
11A	Quail Valley Golf Course Study ^(a)	\$ 70,000	2016	\$ 70,000
	Design & Construction	\$ 1,200,000	2017	\$ 1,200,000
11B	Sellers Road Well Field Study ^(a)	\$ 150,000	2017	\$ 150,000
	Design & Construction	\$ 2,400,000	2018	\$ 2,400,000
2	Transmission Pipeline Replacement	\$ 2,750,000	2018-2020	\$ 530,000
11C	Southwest Well Field Study ^(a)	\$ 300,000	2018	\$ 300,000
	Design & construction	\$ 1,500,000	2019	\$ 1,500,000
	Paint Carsten Reservoirs	\$ 630,000	2019	\$ 0
	Banks Road Line Replacement ^(d)	\$ 400,000	2021	\$ 0
	Cedar Canyon Line Replacement ^(d)	\$ 300,000	2022	\$ 0
5	1.0-MG Main Zone Reservoir	\$ 2,200,000	2022 (By 2024)	\$ 2,200,000
10	Leak Detection Survey ^(c)	\$ 30,000	Every 3 years	\$ 0
	Water Master Plan Update	\$ 50,000	2025	\$ 0
8	Automatic Meter Reading	\$ 420,000	optional	\$ 0
	Security System Upgrades	\$ 100,000	optional	\$ 0
3.3	SSF Inlet Control	\$ 4,500	optional	\$ 0
CIP Total		\$13,300,000		\$8,400,000

(a) One source development project will be needed to accommodate growth within the planning window, it is unlikely the second will be needed. Projects completed for development will likely be shared with developers.

(b) Project schedule is based on current anticipated need, however, changes to this schedule should be based on actual need such as growth or asset condition.

(c) Leak Detection Survey cost is approximately \$5,000 per survey and scheduled every 3 years.

(d) Replacement of 2" water line with 8" with no expansion beyond current service area.