

2013 CIP Scenario 5 - Taste, Odor, & Microtoxins
10/22/2012

Water CIP

Line No.	Description	2012	2013	2014	2015	2016	2017	Total	2018
		\$	\$	\$	\$	\$	\$	\$	\$
1	Kaw WTP Supply Improvements (a) (c)		4,770,500					4,770,500	
	Oread Storage & BPS Replacement (c)		1,248,000	2,704,600				3,952,600	
3	19th & Kasold Pump Station (b) (c)			411,000				411,000	
4	Harper Booster Pump Station (b) (c)		624,000					624,000	
5	Tower Protective Coatings (c)		1,040,000			1,684,600	876,000	3,600,600	
6	Kaw 36" WM to North Lawrence (One 30" river crossings) - Phase 1 (a) (c)		7,836,400				0	7,836,400	0
7	Concrete Main Assessment (c)			648,960			0	648,960	0
8	Pipeline Replacement Program (c)	0	2,338,600	2,432,100	2,529,400	2,630,600	2,735,800	12,666,500	2,845,200
9	Water Main Relocation for Road Projects (a)		1,985,000	500,000	520,000	540,800	562,400	4,108,200	584,900
10	Small Water Main Replacement Program (c)	0	968,500	1,007,200	1,047,500	1,089,400	1,133,000	5,245,600	1,178,300
11	Kaw Structural, Electrical, Process (b) (c)		723,800	811,200		166,700		1,701,700	
12	Clinton Intake (a) (c)	0	0	1,297,900	517,400			1,815,300	
13	Clinton Process (b) (c)			108,200		187,200		295,400	
14	Clinton Basin Coatings (c)						1,374,800	1,374,800	
15	Plant Maintenance (c)		150,000	156,000	600,000	624,000	649,000	2,179,000	675,000
16	31st St. - extend 12" to O'Connell (a)		685,400					685,400	
17	31st St. & O'Connell - Extend 16" to WWTP (includes River crossing) (a)		1,852,700					1,852,700	
18	Taste & Odor and Microtoxins at Clinton & Kaw WTPs		1,440,000	17,900,000				19,340,000	
19	Bowersock Dam Improvements (c)		425,000					425,000	
20	Clinton Backup Generator (15MGD) (a) (c)				849,300			849,300	
22	Total	0	26,087,900	27,977,160	6,063,600	6,923,300	7,331,000	74,382,960	5,283,400

- (a) Project required to meet anticipated growth related requirements.
- (b) Project required by EPA and KDHE regulations.
- (c) Project required to improve system reliability or transmission capacity.

Wastewater CIP

Line No.	Description	2012	2013	2014	2015	2016	2017	Total	2018
		\$	\$	\$	\$	\$	\$	\$	\$
Collection System									
1	PS 32 Expansion & Force Main (a)		832,000					832,000	
2	21" Gravity Sewer to Eliminate PS 8 (c)						425,800	425,800	4,002,800
3	KR-5B 12" Relief Sewer (c)		0				973,300	973,300	
	KR-6B 21" Relief Sewer (c)	0	0					0	885,700
4	PS 23 Expansion (a) (c)	0	208,000	0				208,000	
5	Rapid I/I Reduction Program (b) (c)		1,872,000	2,720,200	2,829,000	2,942,200	3,059,900	13,423,300	3,182,300
6	Sewer Rehabilitation, Replacement, CIPP & MHs		416,000	432,600	449,900	467,900	486,700	2,253,100	1,265,300
8	Subtotal	0	3,328,000	3,152,800	3,278,900	3,410,100	4,945,700	18,115,500	9,336,100
Treatment System									
Kansas River WWTP									
9	Co-generation & Backup Power		600,000	481,600				1,081,600	
Wakarusa River WWTP									
10	Wakarusa River WWTP Treatment Plant (a) (b)	0	3,784,000	6,489,600	10,686,200	11,698,600	2,920,000	35,578,400	
11	Wakarusa Peak Flow Storage (a) (b)		499,200		2,249,700	3,509,600	632,700	6,891,200	
12	Roads & Utilities (a) (b)		499,200	2,995,200	3,125,000			6,619,400	
13	Wakarusa PS 5C, 2 - 16" Force Mains (a) (b)		924,600	5,408,000	5,624,300	2,118,600		14,075,500	
15	Subtotal	0	6,307,000	15,374,400	21,685,200	17,326,800	3,552,700	64,246,100	0
Other									
16	General Pumping Station Improvements (c)		100,000	104,000	108,200	112,500	117,000	541,700	121,700
17	General WWTP Improvements (c)		300,000	312,000	324,500	337,500	351,000	1,625,000	365,000
18	Sanitary Sewer Relocations (a)		1,000,000	312,000	500,000	337,500	351,000	2,500,500	365,000
20	Subtotal	0	1,400,000	728,000	932,700	787,500	819,000	4,667,200	851,700
22	Total	0	11,035,000	19,255,200	25,896,800	21,524,400	9,317,400	87,028,800	10,187,800

- (a) Project required to meet anticipated growth related requirements.
- (b) Project required by EPA and KDHE regulations.
- (c) Project required to improve system reliability or transmission capacity.