Water Uti	lity: Columbia Adair Utilities District	PWSID:	Ky 0010702	
For the N	onth of: January	Year:	2018	
1	PRODUCTION COST PER THOUSAND	(insert cost)	· · · · · · · · · · · · · · · · · · ·	
2	PURCHASE COST PER THOUSAND	(insert cost)		
			GALLONS	
	WATER PRODUCED or PURCHASED			
3 4	Water Produced Water Purchased		59,152,300	100.0% 0.0%
5	TOTAL PRODUCED AND PU	RCHASED	59,152,300	0.076
6	TOTAL COST #VALUE!			
7	WATER SOLD	1		
7 8	Residential Commercial		40,740,000	
9	Industrial			
10	Bulk Loading Stations		3,800	
11	Wholesale			
12	Other Sales (explain)			
13	TOTAL WA	TER SOLD	40,743,800	68.9%
14	TOTAL WATER N		18,408,500	31.1%
	BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant	ì	997,500	
16	Wastewater Treatment Plant		811,700	
17	System Flushing		7,932,600	
18	Fire Department Usage		0	
19	Other Usage (explain) Adjustments		38,800	
20	τοτα	L USAGE	9,780,600	
21	WATER LOSS PERCENT/	AGE FOR R	ATE PURPOSES	14.6%
22	BREAKDOWN OF WATER LOST Tank Overflows	r		
22	Excavation Breaks			
24	Repaired Line Breaks		3,555,900	
25	Unknown Loss	L.	5,072,000	8.6%
26	TOTAL WATER NOT SOLD		0 000 500 0	
20	COST OF WATER NOT SOLD		8,627,900 #VALUE!	
20	"UNKNOWN LOSS" FLOW RATE AND COST:		5 070 000	
28 29		iown Loss" iown Loss"	5,072,000 8.6%	
30	Number of Day		31	
31	"Unknown Loss" per Day (Gallon		163,613	
32	"Unknown Loss" per Min		113.62	
33	"Unknown Loss" Cos	t for Month	#VALUE!	

Water Ut	ility:	Columbia Ac	lair Utilities District	PWSID:	Ky 0010702	
For the N	Ionth of:	February		Year:	2018	
1	PRODUC.	TION COST PER T	HOUSAND	(insert cost)		
2		SE COST PER THO		(insert cost) (insert cost)		
				(<u> </u>	
<u> </u>					GALLONS	
2		RODUCED or PUR	CHASED		T ((10, (00)	
3 4	Water Pro Water Pur				54,112,400	93.8%
4 5	vvaler Pul		AL PRODUCED AND PL		3,598,400	6.2%
6			TAL COST #VALUE!		57,710,800	
n a - 1 	WATER S					
7	Residentia	al de la constante de la consta			43,812,500	
8	Commerci	al				
9	Industrial					
10	Bulk Loadi	ing Stations			30,000	
11	Wholesale				add 2 sales	
12	Other Sale	es (explain)				
13			TOTAL 19			
13			TOTAL WATER	TER SOLD	43,842,500 13,868,300	76.0% 24.0%
			TOTAL WATER	NOT SOLD	13,000,300	24.0%
	BREAKDO	OWN OF WATER U	SAGE			
15	Water Trea	atment Plant			1,450,700	
16	Wastewate	er Treatment Plant			763,500	
17	System Flu	ushing			4,230,600	
18		tment Usage			0	
19	Other Usa	ge (explain)	Adjustments		890,400	
20						
20		101	ATER LOSS PERCENT	AL USAGE		44 20/1
<u> </u>	BREAKD	OWN OF WATER L		AGEFURF	ATE PURPUSES	11.3%
22	Tank Over		.001	1		
23	Excavation				0	
24		ine Breaks			2,585,100	
25	Unknown L			I	3,948,000	6.8%
26			TAL WATER NOT SOLD		6,533,100	
27		COST	OF WATER NOT SOLD	OR USED	#VALUE!	
			ATE AND COOT			
28		N LOSS" FLOW R		nauna Lanat	0.040.000	
28 29				nown Loss"	3,948,000	
30			Number of Day	nown Loss" vs in Period	6.8% 30	
31		"Linkno	wn Loss" per Day (Gallo		131,600	
32		Unitio	"Unknown Loss" per Mir		91.39	
33			"Unknown Loss" Cos		#VALUE!	
				A TOT MOTION		

	Itility:	Columb	pia Adair Utilities Distric	t PWSID:	Ky 0010702	
For the	Month of:	Marc	h	Year:	2018	
1	PRODUC	TION COST P	ER THOUSAND	(insert cost)		
2		SE COST PER		(insert cost)		
A				· · · · · · · · · · · · · · · · · · ·	GALLONS	_
3	WATER P Water Pro		PURCHASED			
4	Water Pur				46,725,000	94.8%
5			TOTAL PRODUCED AN		2,550,100 49,275,100	5.2%
6			TOTAL COST #VA		49,275,100	
7	WATER S Residentia					
8	Commerci				31,750,700	
9	Industrial	ai				
10		ng Stations			45.000	
11	Wholesale				15,300	
12		s (explain)	Adjustment		add 2 sales	
10				I		
13 14				WATER SOLD	31,766,000 17,509,100	64.5% 35.5%
16 17 18 19	System Flu Fire Depart	er Treatment P ishing tment Usage ge (explain <u>)</u>	Adjustment	5	1,042,900 3,621,900 3,000,000 890,400	
20						
21			WATER LOSS PERC	TOTAL USAGE		14.4%
	BREAKDO	WN OF WAT	ERLOST		ATETORIOSES	14.4 /0
22	Tank Overf	-				
23	Excavation				0	
24	Repaired Li				6,579,900	
25	Unknown L	OSS		_	499,000	1.0%
26			TOTAL WATER NOT S		7.078.900	
26 27		C	TOTAL WATER NOT S		7,078,900 #VALUE!	
	"UNKNOW		OST OF WATER NOT S			
	"UNKNOW		OST OF WATER NOT S	OLD OR USED	#VALUE!	
27 28 29	"UNKNOW		OST OF WATER NOT S	OLD OR USED	#VALUE! 499,000	
27 28 29 30	"UNKNOW		OST OF WATER NOT S	OLD OR USED	#VALUE! 499,000 1.0%	
27 28 29 30 31	"UNKNOW	N LOSS" FLC	OST OF WATER NOT S W RATE AND COST: % " Number o	OLD OR USED Unknown Loss" Unknown Loss" f Days in Period	#VALUE! 499,000 1.0% 30	
27 28 29 30	"UNKNOW	N LOSS" FLC	OST OF WATER NOT S	OLD OR USED Unknown Loss" Unknown Loss" f Days in Period allons per Day)	#VALUE! 499,000 1.0%	

Water U	ltility:	Columbia	Adair Utilities Distr	ict PW	SID:	Ky 0010702	
For the	Month of:	April		Yea	ar: [2018	
1	PRODUC	TION COST PE	RTHOUSAND	lincot			
2		SE COST PER		(insert (insert	· · · -		
				(mach		GALLONS	
·	WATER F	PRODUCED or F	URCHASED			GALLONS	
3	Water Pro		ONORACED		Γ	57,362,000	96.0%
4	Water Pu				-	2,385,900	4.0%
5		Т	OTAL PRODUCED A	ND PURCHA		59,747,900	4.070
6		-		ALUE!		00,747,000	
	WATER S	SOLD					
7	Residentia				Г	32,981,600	
8	Commerc	ial				······	
9	Industrial						
10		ing Stations				66,900	
11	Wholesale				а	dd 2 sales	
12	Other Sale	es (explain)					
13			TOT	L WATER SC		22 040 500	FF 00/
14				ATER NOT SC		33,048,500 26,699,400	55.3% 44.7%
						20,033,400	44.1 /0
	BREAKDO	OWN OF WATE	RUSAGE				
15	Water Tre	atment Plant				2,129,300	
16		er Treatment Pla	nt			915,900	
17	System Fi					12,722,200	
18		tment Usage				2,000,000	
19	Other Usa	ge (explain)	Adjustmer	its		225,800	
20				TOTAL UDA	05		
21			WATER LOSS PER	TOTAL USA		17,993,200	44.00/
	BREAKD	OWN OF WATE	RIOST	CENTAGE FU		TE PURPUSES	14.6%
22	Tank Over				r		
23	Excavation					0	
24		ine Breaks			-	7 195 900	
25	Unknown L					7,195,900	2.5%
						1,010,000	2.070
26			OTAL WATER NOT			8,706,200	
27		CO	ST OF WATER NOT	SOLD OR US	ED	#VALUE!	
	PLINKNOW	IN LOSSI ELOU	A DATE AND COOP				
28		IN LUSS FLOV	RATE AND COST:	HEL.F.			
29			0/	"Unknown Lo		1,510,300	
30				"Unknown Lo		2.5%	
31		"Unk	nown Loss" per Day (of Days in Per	100	30	
32		UIIA	"Unknown Loss" p	Gallons per D	ay)	50,343	
33			"Unknown Loss	s" Cost for Mo	nth	34.96 #VALUE!	
			Unknown LOS		1111	#VALUE!	

WATER LOSS ESTIMATE



UNACCOUNTED FOR LOSS	FLUSHING	LEAKS	ADJUSTMENTS	OPERATIONS	GROSS LOSS	WATER SALES	WATER PURCHASE		and the second s
5,131,900	5,981,000	9,367,400	43,600	3,781,700	24,305,600	38,089,400	62,395,000	Columbia/Adair	
UNACCOUNTED FOR LOSS	FLUSHING	LEAKS	ADJUSTMENTS	OPERATIONS	GROSS LOSS	WATER SALES	WATER PURCHASE		
5,368,600	6,267,500	9,778,600	43,600	3,781,700	25,240,000	39,422,900	64,662,900	OVERALL	

WATER PURCHASE WATER SALES GROSS LOSS LEAKS FLUSHING UNACCOUNTED FOR LOSS	
--	--

JAMESTOWN 2,267,900 <u>1,333,500</u> 934,400 411,200 <u>286,500</u> 236,700	
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8.30%

Water U	tility:	Columbia	Adair Utilities D	istrict	PWSID:	Ky 0010702	
For the	Month of:	June			Year:	2018	
1	PRODUC	TION COST PER	RTHOUSAND		(insert cost)		
2		SE COST PER T			(insert cost)		
						GALLONS	
3	WATER F Water Pro	RODUCED or P	URCHASED		Г	01 701 000	
3 4	Water Pro Water Pur					61,781,000	96.0%
5	vvaler i ur		OTAL PRODUCE			2,598,800 64,379,800	4.0%
6		1		#VALUE!	CHAGED	04,379,800	
	WATER S					·	
7	Residentia				-	42,966,700	
8 9	Commerci Industrial	lai					
10		ing Stations			-	95 200	
11	Wholesale					85,300 dd 2 sales	
12		es (explain)	Adjust	ments	a	123,200	
			, , , , , , , , , , , , , , , , , , , ,		L_	120,200	
13				OTAL WATE		43,175,200	67.1%
14			TOTAL	WATER NO	T SOLD	21,204,600	32.9%
	BREAKDO	OWN OF WATER					
15		atment Plant	(USAGE			831,500	
16		er Treatment Pla	nt			705,000	
17	System Fli	ushing				6,774,600	
18		tment Usage				2,413,000	
19	Other Usa	ge (explain)	Adjust	ments		840,300	
20				τοται	USAGE	11,564,400	
21			WATER LOSS F				15.0%
	BREAKD	OWN OF WATE					10.070
22	Tank Over						
23	Excavation					0	
24		ine Breaks				9,510,900	
25	Unknown L	LOSS				129,300	0.2%
26		т	OTAL WATER N	IOT SOLD O	R USED	9,640,200	
27		CO	ST OF WATER N	OT SOLD O	RUSED	#VALUE!	
	"UNKNOW	N LOSS" FLOV	RATE AND CO	QT.			
28					vn Loss"	129,300	
29				% "Unknov		0.2%	
30				ber of Days i	n Period	30	
31		"Unk	nown Loss" per D	Day (Gallons	per Day)	4,310	
32			"Unknown Los			2.99	
33			"Unknown	Loss" Cost fo	or Month	#VALUE!	

Water U	tility:	Columb	ia/Adair Utilitie	s District] PWSID:	11016	
For the	Month of:	July			Year:	2018	
1 2		TION COST PI SE COST PER	ER THOUSAND)	(insert cost) (insert cost)		
					2. (GALLONS	
	WATER P	RODUCED or	PURCHASED				
3	Water Pro					61,436,000	97.4%
4	Water Pur					1,617,800	2.6%
5 6			TOTAL PRODU		RCHASED	63,053,800	
	WATER S			<u></u>			
7	Residentia				[44,376,800	
8	Commerci	al			[
9	Industrial	- ·					
10		ng Stations				41,600	
11	Wholesale						
12	Other Sale	s (explain)	Ad	justments		214,200	
13 14				TOTAL WAT		44,632,600 18,421,200	70.8% 29.2%
15 16 17 18 19 20	Water Trea Wastewate System Flu	tment Usage	ant DBP I		L USAGE	35,000 625,000 9,435,200	#VALUE! #VALUE! #VALUE!
21				SS PERCENTA	AGE FOR R	ATE PURPOSES	14.3%
22		OWN OF WAT	ER LOST In for DBP main	itenance)	Г]	
23	Excavation					0	
24	Repaired L	ine Breaks			F	2,145,300	#VALUE!
25	Unknown L	.055			Ľ	6,840,700	10.8%
26 27		C	TOTAL WATE			8,986,000 #VALUE!	
20	UNKNOW	IN LOSS" FLO	W RATE AND				
28 29					own Loss"	6,840,700	
29 30			K		own Loss"	10.8%	
31			n الاnown Loss" pi	lumber of Days		31	
32		01		Loss" per Min		220,668 153.24	
33				wn Loss" Cost		#VALUE!	
	L						

Water Ut	ility:	Columbia	Adair Utilitie	s District	PWSID:	11016]
For the N	lonth of:	August			Year:	2018	
1		TION COST PEF					l
2		SE COST PER T		,	(insert cost) (insert cost)		
					(macri coar)		
						GALLONS	
3	WATER P Water Pro	RODUCED or P	URCHASED		1	04 175 000	
4	Water Plu					61,175,000 1,398,100	97.8% 2.2%
5	water i ur		TAL PRODU	CED AND PUI	RCHASED	62,573,100	2.270
6			OTAL COST			02,070,100	
	WATER S						
7	Residentia					43,135,500	
8 9	Commerci	al					
9 10	Industrial Bulk Loadi	ng Stations				39,500	
11	Wholesale					39,500	
12		s (explain)	Adj	ustments		186,600	
13							
13			TO	TOTAL WAT FAL WATER N		43,361,600 19,211,500	69.3% 30.7%
		WN OF WATEF	RUSAGE				
15		atment Plant	,			1,000,000	
16 17	System Flu	er Treatment Plai	nt		-	741,500	
18		tment Usage			-	6,630,100	#VALUE!
19	DBP Flush		DBP	/laintenance		~	#VALUE!
20			WATER LOS		L USAGE	10,300,500	
21	BREAKD	OWN OF WATE		S PERCENTA	GE FOR R	ATE PURPOSES	14.2%
22		flows (other than		tenance)	Г		
23	Excavation	Breaks		tenanecy	ŀ	0	
24	Repaired L				ŀ	3,389,500	#VALUE!
25	Unknown L	.OSS			L	5,521,500	8.8%
26		т	OTAL WATE	R NOT SOLD		8,911,000	
27				R NOT SOLD		#VALUE!	
	"UNKNOW	N LOSS" FLOW	RATE AND				
28					own Loss"	5,521,500	
29 30	lincort dour	of operation during n	nonth) Al		own Loss"	8.8%	
31	(inself uays			umber of Days er Day (Gallons			
32		UIK		Loss" per Minu			
33				wn Loss" Cost	. ,	#VALUE!	

Water U	tility:	Columbia/Ada	ur Utilities Distric	E PWSID:	11016]
For the	Month of:	September		Year:	2018]
1		TION COST PER TH		(insert cost)		
2	PURCHA	SE COST PER THOU	JSAND	(insert cost)		
					GALLONS	
3	WATER F Water Pro	PRODUCED or PURC	HASED			1
4	Water Pu				57,211,000	
5			- PRODUCED ANI		1,569,100	2.7%
6		TOTA	AL COST #VAL		58,780,100	
7	WATER S Residentia					
8	Commerc			-	42,107,500	
9	Industrial					
10		ing Stations		-	23,800	
11	Wholesale				23,800	
12		es (explain)			211,700	
			(identify Other S	ales)	211,700	
13				WATER SOLD	42,343,000	72.0%
14			TOTAL WAT	ER NOT SOLD	16,437,100	28.0%
15	Water Tre	OWN OF WATER US/ atment Plant	AGE	[1,500,000	
16		er Treatment Plant			818,100	
17	System Flu				5,029,800	#VALUE!
18		tment Usage			0	
19	DBP Flush	ing	DBP Maintenan	се	638,200	#VALUE!
20			т	OTAL USAGE	7,986,100	
21		WA*	TER LOSS PERCE	INTAGE FOR RA	TE PURPOSES	14.4%
		OWN OF WATER LO				
22 23		flows (other than for E	BP maintenance)			
23 24	Excavation				0	
24	Unknown L	ine Breaks		Ĺ	3,777,000	
20	OHKHOWHL	.055			4,674,000	8.0%
26			L WATER NOT SC		8,451,000	
27		COST O	F WATER NOT SC	LD OR USED	#VALUE!	
	"HINKNOW					
28	UNKNOW	N LOSS" FLOW RAT		tatus autor n		
29				Jnknown Loss"	4,674,000	
30	(insert dave	of operation during month)		Jnknown Loss" Days in Period	8.0%	
31	(Loss" per Day (Ga			
32		"I	Jnknown Loss" per	Minute (GPM)		
	1					
33	1		"Unknown Loss"	Cost for Month	#VALUE!	

Water Utility:		Columbia//	Adair Utilities Dis	strict	PWSID:	11016	
For the Month of:		October			Year:	2018	
1		TION COST PER	THOUGAND		(
2		SE COST PER TH			(insert cost) (insert cost)		
_					(
						GALLONS	
2		RODUCED or PL	JRCHASED		i	F 4 000 000	07 70/
3 4	Water Pro Water Pur					54,228,000 1,281,200	97.7% 2.3%
5	vvates i ui		TAL PRODUCED	AND PUI	RCHASED	55,509,200	2:070
6	TOTAL PRODUCED AND PURCHASED 55,509,200 TOTAL COST #VALUE!						
	WATER S						
7	Residentia					40,746,000	
8 9	Commerci	al					
9 10	Industrial Bulk Loadi	ng Stations				16,600	
11	Wholesale	+				10,000	
12		es (explain)	Adjustm	nents		227,200	
			-			······································	
13	TOTAL WATER SOL					40,989,800	73.8%
14			TOTAL	WATER N	OT SOLD	14,519,400	26.2%
	BREAKDO	WN OF WATER					
15		atment Plant	UUAUL]	2,000,000	
16	Wastewater Treatment Plant					858,300	
17	System Flu	ushing				4,998,500	#VALUE!
18	Fire Department Usage					0	
19	DBP Flush	ing	DBP Maint	enance		0	
20							
20	TOTAL USAGE WATER LOSS PERCENTAGE FOR I					7,856,800	12.0%
	BREAKD	OWN OF WATER					12.070
22			for DBP maintena	nce)	[
23	Excavation	Breaks		·		0	
24	Repaired Line Breaks					#VALUE!	
25	Unknown l	LOSS				3,317,700	6.0%
26		т	OTAL WATER NO			6,662,600	
20			T OF WATER NO			#VALUE!	
	"UNKNOW	IN LOSS" FLOW	RATE AND COS	T:			
28					own Loss"	3,317,700	
29	% "Unknown Loss" 6.0%						
30	(insert days of operation during month) Number of Days in Period						
31 32	"Unknown Loss" per Day (Gallons per Day)						
32 33	"Unknown Loss" per Minute (GPM) "Unknown Loss" Cost for Month #VALUE!						
~~						n vriede:	

Water Utility:		Colum	bia Adair Utilities Distri	ct PWS	ID: Ky 0010702]	
For the Month of:		->Decen	ther November	Year	2018]	
1	PRODUCTION COST PER THOUSAND (insert cost)						
2	PURCHA	SE COST PE	ost)				
					GALLONS		
-			or PURCHASED			1	
3	Water Produced				52,314,000		
4	Water Purchased				2,733,700	5.0%	
5 6	TOTAL PRODUCED AND PURCHASED 55,047,700 TOTAL COST #VALUE!						
WATER SOLD							
7	Residentia	ai			32,342,500		
8	Commerc	ial					
9	Industrial						
10	Bulk Load	ing Stations			30,000		
11	Wholesale				add 2 sales		
12	Other Sale	es (explain) _	Adjustmer	its	249,000		
13			τοτα	L WATER SOI	LD 32,621,500	59.3%	
14			TOTAL W	ATER NOT SOL	D 22,426,200	40.7%	
					······································		
	BREAKDOWN OF WATER USAGE						
15		atment Plant	-		1,925,000		
16		er Treatment	Plant		975,500 8,601,900		
17							
18	Fire Department Usage				0		
19	Other Usa	ge (explain)	Adjustmer	IS	2,894,200		
20				TOTAL USAC	GE 14,396,600		
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES						
		OWN OF WA	TER LOST				
22	Tank Over						
23	Excavation				0		
24	•	ine Breaks			4,947,900		
25	Unknown	Loss			3,081,700	5.6%	
26			TOTAL WATER NOT	SOLD OR USE	ED 8,029,600		
27			COST OF WATER NOT	SOLD OR USE	ED #VALUE!		
	"UNKNOV	VN LOSS" FI	.OW RATE AND COST:				
28							
29	% "Unknown Loss" 5.6%						
30	Number of Days in Period 30						
31	"Unknown Loss" per Day (Gallons per Day) 102,723 "Unknown Loss" per Minute (GPM) 71.34						
32 33				s" Cost for Mor			
55			UTIKIUWI LUS				
	L						

Water Utility:		Columbia /	Adair Utilities District	PWSID:	Ky 0010702		
For the M	onth of:	December		Year:	2018		
1	PRODUCT	TION COST PER	THOUSAND	(insert cost)			
2		SE COST PER TH		(insert cost)			
-				(
					GALLONS		
0		RODUCED or PL	IRCHASED		<u>51 517 000</u>	97.3%	
3 4	Water Pro Water Pur				51,517,000 1,453,200	2.7%	
5	vvaler rur		TAL PRODUCED AND	PURCHASED		2.170	
6	TOTAL PRODUCED AND PURCHASED 52,970,200 TOTAL COST #VALUE!						
	WATER S	OLD					
7	Residentia				36,807,500		
8	Commerci	al					
9	Industrial				40.000		
10		ng Stations			40,000		
11	Wholesale		Adjustmente		add 2 sales 186,300		
12	Other Sale	s (explain)	Adjustments		100,300		
13			TOTAL	WATER SOLD	37,033,800	69.9%	
14			TOTAL WAT	ER NOT SOLD	15,936,400	30.1%	
		WN OF WATER	USAGE		1 224 222		
15		atment Plant			1,281,600		
16	Wastewater Treatment Plant				722,300		
17	System Flushing 5,844,400						
18 19	Fire Department Usage0Other Usage (explain)Adjustments890,400						
19		ge (explain,	Aujustiments		030,400		
20	TOTAL USAGE 8,738,700						
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES						
		OWN OF WATER	LOST				
22	Tank Over						
23	Excavation				0 2,585,100		
24	Unknown l	ine Breaks			4,612,600	8.7%	
25	Unknown i	_055			4,012,000	0.7 /0	
26		T	OTAL WATER NOT SO	OLD OR USED	7,197,700		
27		COS	T OF WATER NOT SO	OLD OR USED	#VALUE!		
	"UNKNOV	VN LOSS" FLOW	RATE AND COST:				
28				Jnknown Loss"	4,612,600		
29	% "Unknown Loss"				8.7%		
30	Number of Days in Period 30						
31	"Unknown Loss" per Day (Gallons per Day) 153,753 "Unknown Loss" per Minute (GPM) 106.77						
32 33			"Unknown Loss per		#VALUE!		
55			OUKHOWH L055				
	K				and the second se		

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