30 187	SUBSTAN	NCES FREC	UENT	FLY MONIT	ORE) BY		
	WES	T DES MOI	NES V	WATER WO	RKS			
		RAW WATER (BEFORE TREATMENT)						
		,						
		July		2018				
	Test	Concentration						
<u>Substance</u>	Frequency	Average		High		Low		
Calcium Hardness	1/week		mg/l		mg/l		mg/l	
Copper	1/week	0.06	mg/l		mg/l		mg/l	
Fluoride	1/week	2.1			mg/l		mg/l	
Iron	1/week	0.26		0.31		0.17		
Magnesium Hardness	1/week		mg/l		mg/l		mg/l	
Manganese	1/week		mg/l	0.17		0.11	mg/l	
Nitrate as Nitrogen	1/week	0.18		0.20		0.16		
Orthophosphate	1/week	0.10			mg/l		mg/l	
Phenolphtalein	,,,,ook	3.10	g/i	0.11	mg/i	0.09	mg/I	
Alkalinity as CaCO3	1/week	0		0		0	-	
pH (pH units)	1/week	7.3		7.5		7.2		
Sulfate	1/week		mg/l		ma/I			
Temperature	1/week		° C		mg/l	350	mg/l	
Total Alkalinity/CaCO3	1/week	267	- 0		- 0		°C	
Total Dissolved Solids	1/week		ne = /1	270		264		
Total Hardness	1/week		mg/l		mg/l		mg/l	
Total Hardness	1/week	352	mg/l	3/2	mg/l	312	mg/l	
<u> </u>	FINIO	IED MAKETER						
		FINISHED WATER (AFTER TREATMENT) (INCLUDES PURCHASED WATER)						
	(INC	LUDES PUR	RCHA	SED WATE	R)			
	Test	Concentration						
Substance	Frequency	<u>Average</u>		<u>High</u>		Low		
Calcium Hardness	6/day		mg/l		mg/l	81	mg/l	
Copper	1/week		mg/l	0.02	mg/l	0.01	mg/l	
Fluoride	1/day	1.3	mg/l	1.5	mg/l		mg/l	
Free Chlorine *	6/day	1.2	mg/l		mg/l		mg/l	
lron	1/week	0.01	mg/l	0.02			mg/l	
Magnesium Hardness	1/week		mg/l		mg/l		mg/l	
Manganese	1/week	0.016			mg/l	0.008		
Nitrate as Nitrogen	1/week	0.55		0.59		0.50		
Orthophosphate	1/week	0.19		0.20		0.00	mg/l	
Phenolphtalein				0.20	g.i	0.17	mg/i	
Alkalinity as CaCO3	6/day	17		22		11		
oH (pH units)	6/day	9.3		9.5		9.2		-
Polyphosphate	1/week	0.18	ma/l	0.26	ma/l		mg/l	
Sulfate	1/week		mg/l		mg/l			
Temperature	1/week		° C	23		310	mg/l ° C	
Total Alkalinity/CaCO3	6/day	62	U	76			U	
Total Chlorine	6/day		mc/l	-	ma == /1	53		
Total Dissolved Solids		1.40		2,03		0.99		
Total Hardness	2/day		mg/l		mg/l		mg/l	
i otal Haluness	6/day	154	mg/l	/ 166/	mg/l	140	mg/l	
at Water Treatment Plant		1	\bigcirc	//				
		1/1	10	11				
Prepared by West Des Moines V	Vater Works	1/10	7	U				
August 3, 2018		Mitch Pinkert						
		Water Produ	ction M	anager				

SUMMARY OF WATER QUALITY REPORT July, 2018

Summary Statement

To West Des Moines Water Works, the quality of water provided to its customers is of vital importance. Therefore, monitoring is conducted at least as often as required by rules of the U.S. Environmental Protection Agency and the lowa Department of Natural Resources. For many substances, West Des Moines Water Works voluntarily monitors more frequently than is required by the governmental rules.

All U.S. Environmental Protection Agency and the Iowa Department of Natural Resources requirements are being met at this time.

For a complete list of all sampling results, please contact the West Des Moines Water Works Treatment Plant at (515) 222-3465.

New Test Results Received Since the Last Report

Water samples received during this month met or exceeded water quality standards.

Prepared by:

Mitch Pinkerton

Water Production Manager

WEST DES MOINES WATER WORKS

August 3, 2018