









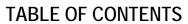


woodardcurran.com
commitment & integrity drive results

Monthly Operating Report

MAY 2018

0217327.00 So. Sangamon June 14, 2018





SEC	CTION		PAGE NO.
Exe	ecutive	Summary	ES-1
1.	SAFE	TY	1-1
	1.1 1.2 1.3 1.4	Safety Training Lost time Accidents Safety Audit Miscellaneous Safety.	1-1 1-1
2.	COMP	PLIANCE, FLOWS AND LOADINGS	2-2
	2.1 2.2 2.3 2.4	Compliance	2-2 2-2
3.	OPER	ATIONS	3-1
	3.1 3.2 3.3 3.4	Events impacting operations Emergency & Service calls Emergency Call-outs Customer Inquiries	3-1 3-1
4.	MAIN	TENANCE AND REPAIR	4-2
	4.1 4.2	Preventative and predictive maintenance Corrective repairs	
5.	PROJ	ECT MANAGEMENT & SUPPORT	5-1
	5.1 5.2 5.3	Staffing & Training Corporate Support Budget	5-1
6.	CAPIT	TAL PLANNING	6-1
	6.1 6.2	Approved CIP Projects Current status	6-1 6-1



# LIST OF TABLES

TABLE	PAGE NO.
Table 2.2 Influent Concentrations and Flow	2-2
Table 2.3 Finished Water Quality	2-2
Table 2.4 Weekly Grab Sample Analysis Results	2-3
Table 4.1 Budget Table	5-2



# **EXECUTIVE SUMMARY**

**Safety.**Safety is the number one priority at Woodard and Curran. We continue to provide monthly training for operations staff at the plant, provide weekly safety updates and safety videos are assigned to all employees. The safety topic for this month was "Incident Reporting and Evaluation". There were no lost time accidents in the month of May2018. 100 percent of the items identified in the combined list of safety items have been completed.

**Compliance.** The finished water quality was within regulatory limits and all reporting and sampling requirements were met for the month. A copy of the Operations Report submitted to the Illinois Environmental Protection Agency is available at www.sswc.us.

During the month of May 2018, the plant pumped 42.704million gallons from the well field and 33.343 million gallons of finished water. For the period of June2017 through May 2018, the plant has pumped 875,000more gallons of water then during the same period one year ago.

The SSWC plant has been placed on Critical Review status. Systems on Critical Review will be evaluated for sufficient capacity before issuance of water main extension permits.

**Operations.** There was 0emergency call-outs for the month. There were 2 customer inquiries for the month.

**Maintenance and Repair.**For the month of May2018, there were 10inspections, 5preventative and 13corrective maintenance activities completed.

**Budget.** Through the end of the third year, we are \$8,746under budget for the fiscal year. Please note that not all expenses for the 2017-2018 timeframe have been added to this summary.

Capital Planning. Woodard and Curran is working with Meco Engineering to update and prioritize the Capital Improvement Plan. The CIP is a planning document that includes all projects anticipated to exceed \$5,000 in cost over the next five years. The CIP is an ongoing process and will be refined from time to time as projects are completed and new issues are identified.



#### 1. SAFETY

#### 1.1 SAFETY TRAINING

Woodard and Curran continue to provide safety training for personnel at the plant. This is accomplished by requiring daily safety meetings, weekly safety updates are available to the plant, and safety videos are assigned to all employees and are required to be completed. The May 2018 safety training topic was "

#### 1.2 LOST TIME ACCIDENTS

There were 0 lost time accidents in the month of May2018.

#### 1.3 SAFETY AUDIT

Since Woodard and Curran assumed operational responsibility for the SSWC plant, two safety audits have been completed. The first audit was conducted in May 2015 and identified 89 items needing to be addressed. Approximately 86 percent of those items identified had been addressed when a second audit occurred in November 2016.

The finding for these two audits were combined to produce a list of 40 items needing to be addressed. As of November 30, 2017, 100 percent of the items have been addressed.

# 1.4 MISCELLANEOUS SAFETY

There were no Miscellaneous Safety items for the month.



# 2. COMPLIANCE, FLOWS AND LOADINGS

# 2.1 COMPLIANCE

The finished water quality was within regulatory limits and all reporting and sampling requirements were met for April. A copy of the Operations Report to the Illinois Environmental Protection Agency (IEPA) is available on the SSWC website.

#### 2.2 INFLUENT FLOWS AND LOADINGS

The total gallons pumped from the well field was 34.149MG. The influent parameters were all within the normal range.

The influent flow and loadings are summarized below in Table 2.2

		Tab	le 2.2 Infl	uent Conce	entrations a	nd Flow		
	рН	Temp	Iron	Manganese	Fluoride	Hardness	Alkalinity	Well Flow Gals (k)
Max.	7.66	16.3	1.27	0.240	-	372	290	1.600
Min.	7.03	14.0	0.54	0.186	-	350	280	0.994
Avg.	7.34	14.8	0.73	0.203	-	362	285	1.325
Total	1	-	-	-	-	-	-	41.060

# 2.3 EFFLUENT CONCENTRATIONS

The facility filtered 37.553 MG during the month with a daily average of 1.028 MG and a min/max of 0.33/1.512 MG.

				Table	2.3 Fir	nished Wat	er Qualit	y		
	Free CL2	Total CL2	pН	Temp	Iron	Manganese	Fluoride	Hardness	Alkalinity	Phosphate
Max.	1.8	1.8	7.91	16.2	0.01	0.020	1.18	140	290	1.37
Min.	1.0	1.2	7.03	13.9	0.00	0.002	0.47	108	270	1.01
Avg.	1.3	1.4	7.51	14.8	0.01	0.008	0.84	123	279	1.25
MCL	-	-	-	-	1.00	-	4.00	-	-	-
SMCL	-	-	1	-	0.30	0.050	2.00	1	-	1

# Finished Water Flow Comparison for FY 2018

Time Period	2017-2018	2016-2017	2015-2016
June - May	396,493,135	398,320,645	373,765,957
Increase for the same po	eriod last year	-1,827,510	



		FINISHED V	VATER PUMPI	NG HISTORY		
	2017-2018	2016-2017	2015-2016	2014-2015	2013-2014	2012-2013
June	39,931,402	41,541,321	31,092,539	38,462,951	36,530,691	47,120,577
July	42,164,927	35,378,396	33,123,375	38,674,894	40,908,704	57,780,876
August	38,760,634	35,401,490	38,109,033	33,748,543	42,999,243	42,398,528
September	39,896,986	36,325,215	36,546,171	29,763,075	37,597,085	32,510,603
October	33,506,605	34,374,820	34,783,455	28,803,052	33,916,594	30,278,765
November	28,617,333	30,478,309	27,217,293	28,426,579	31,615,459	27,114,479
December	28,808,037	32,525,530	27,788,637	28,656,869	32,697,551	29,014,035
January	30,556,824	30,449,215	28,510,121	30,346,721	32,499,427	28,007,432
February	25,617,914	27,373,232	26,095,228	26,336,077	28,745,378	25,763,807
March	28,217,699	30,068,363	27,851,811	28,729,919	31,217,486	28,130,190
April	27,110,578	29,625,797	29,292,618	29,270,184	31,690,073	27,991,597
May	33,304,196	32,120,873	33,349,391	33,371,016	31,157,411	29,592,356
Totals	396,493,135	395,662,561	373,759,672	374,589,880	416,948,392	405,703,245
Average	1,086,282	1,084,007	1,023,999	1,026,273	1,139,203	1,111,516
Maximum	2,220,362	2,061,098	2,177,926	1,837,344	2,010,587	2,546,901
Minimum	423,165	275,315	-	349,690	363,767	142,411

# 2.4 LAGOON DISCHARGE CONCENTRATIONS

The results for the NPDES lagoon discharge permit are summarized below.

Table 2.4 Weekly Grab Sample Analysis Results

	ı	_agoon Eff	luent Results	3		
Date	Fe (mg/l)	Mn (mg/l)	Chloride (mg/l)	Cl <sup>2</sup> (mg/l)	pH (S.U.)	TSS (mg/l)
04/19/2018	0.330	0.299	220	0.04	7.89	0
Minimum						
Maximum						
Average	.140	.572		.05	7.27	
Monthly Avg Limit	2.000	1.000				15
Daily Limit	4.000	2.000	500	0.05	6.0-9.0	30

The Chloride sample for the month of May 2018, performed by the Springfield Metropolitan Sanitary District, was unknown as of June 15, 2018. The limit for chloride discharge to the sanitary district is 30,000 mg/L.



#### 3. OPERATIONS

#### 3.1 EVENTS IMPACTING OPERATIONS

**Rehabilitation of Chatham Ground Storage tank-** Although the rehabilitation of the Chatham Ground Storage Reservoir did not directly affect the operation of the plant, customers may have experienced fluctuations pressure. Some customers may have experienced taste and odor issues due to the mixing of sub-par CWLP chloramine water with the SSWC produced water.

# 3.2 EMERGENCY & SERVICE CALLS

#### **Service Calls:**

• There were no emergency call outs for the month.

#### 3.3 EMERGENCY CALL-OUTS

There was 3 emergency call-out for the month requiring operational personnel at the plant after normal business hours.

#### 3.4 CUSTOMER INQUIRIES

There were no customer inquiries for the month of May:

#### OTHER WORK PERFORMED

**Pinning of the Membrane Modules.** After replacing the questionable modules Plant Operations staff attempted to pin membranes to evaluate if there was any life left in the old modules. Pictured below are Stephen Bivin (left) and Kevin Canham (right) working on modules from Bank #1.







# 4. MAINTENANCE AND REPAIR

#### 4.1 PREVENTATIVE AND PREDICTIVE MAINTENANCE

For the month of May2018, there were 10inspections, 5preventative and 0 corrective maintenance activity completed.

#### 4.2 CORRECTIVE REPAIRS

**Filter Train 1 Backwash Valve.**On Monday May 28th Contractor Henson Robinson arrived to assemble the fittings needed to repair a leak at the backwash isolation valve. During this process it was discovered that the leak was caused by strain placed on the joint due to settling of the filter train itself. We attempted to relieve this strain by designing/aligning the new fitting in a different fashion. After assembly the new fitting must be given time to set up. As of the end of May the new fittings had not been installed.

**Filter Module Replacement.**We received our first shipment of replacement modules the beginning of May. On May 11<sup>th</sup> the first set of 4 was successfully installed on train 1.

The second set of 4 was successfully installed on train 3 on May14th.

The final set of 4, from the first shipment, was successfully installed on train 2 on May 15th.



# 5. PROJECT MANAGEMENT & SUPPORT

# 5.1 STAFFING & TRAINING

• Woodard and Curran continue to train and provide staffing to the plant as needed. With the resignation of Mr. Keith Sommers, Mr. Stephen Bivin is filling in on a temporary basis.

# 5.2 CORPORATE SUPPORT

The following individuals, either on-site or remotely, provided assistance in operation and/or maintenance of the plant during the month.

- Marc Thomas
- Jackie Smith
- Ray Giguere
- Stephen Bivin

- Greg Frieden
- Stephanie Crowell
- Shannon Eyler
- Wendy Foreman



# 5.3 BUDGET

Table 5.3 below is a breakdown of the current budget as of May 25, 2018. Please note that not all expenses for the 2017-2018 timeframe have been added to this summary.

Table 5.3 Budget Table

Budget Category	Month Budget	Month Actual	YTD Budget	YTD Actual	Annual Budget
Labor (D.L. + OH)	\$24,213	\$15,261	\$314,764	\$276,739	\$314,764
Utilities	\$8,150	\$11,355	\$105,950	\$108,771	\$105,950
Chemicals	\$14,583	\$0	\$189,583	\$188,543	\$189,583
Maintenance & Repair	\$9,102	\$2,006	\$118,327	\$141,010	\$118,327
Chloride	\$13,522	\$9,680	\$175,782	\$151,906	\$175,782
Lab Supplies and Equipment	\$1,882	\$0	\$24,466	\$17,061	\$24,466
Office Supplies	\$216	\$0	\$2,802	\$3,969	\$2,802
Miscellaneous Expenses	\$1,141	\$2,044	\$13,695	\$15,406	\$13,695
Other Operating Costs	\$1,398	\$2,004	\$16,776	\$19,382	\$16,776
Subtotal of Costs for Contract Year 3	\$74,206	\$40,273	\$964,683	\$922,776	\$964,683
Fixed Fee for Contract Year 3	\$7,421	\$4,027	\$96,469	\$92,278	\$96,469
Year One Transition	\$1,366	\$1,366	\$17,755	\$17,755	\$17,755
Total	\$82,993	\$45,666	\$1,078,907	\$1,032,809	\$1,078,907



# 6. CAPITAL PLANNING

# 6.1 APPROVED CIP PROJECTS CURRENT STATUS

No new information is available.

# 6.2 DRAFT CAPITAL IMPROVEMENT PLAN

The CIP is a planning document that includes all projects anticipated to exceed \$5,000 in cost over the next five years. The CIP is an ongoing process and will be refined from time to time as projects are completed and new issues are identified.

The most recent Capital List was included in the Year 2 Annual Report.



Main	CTION AGENCY	בואר בואר											2000	0	900									
Chief District   Chie	_							4		8	South	Sangamo	n water	3	202	Ī						+		
Chicare   Chic	OF PUB	LIC WA	TEK SUP	PLIES	٥	hemica	ls App	lied		FORM	OHLINO		May 2	2018 FFilters					Ţ	Soften	ers			
Main	L	chi	orine	Fluo		Phos	phate		Mn04	Bi-S	ulfite	ach day inc	dicate total	number of I	nis sinor	Wash	Water	Water	Each da	y indicate	total numb	ier of	Soft. Regen	uege
Mail   Lee   Cab   Cab	r Plant	_		Amt		Amt		Amı		Amt		6	kwash. If b	ackwashec	lat mid-d	Water	Softened	Bypassec	×	ce previor	a regener	ation.	Salt	Washed
1,10,   1,10	o Wate		$\vdash$	Used	Calc	Used	-	_	$\vdash$	Used .	-	-	hours pre	wious"/"	Sunor	Gal.	Gal.	Gal	regener	ation at m	id-day, inc	icate	Used	Water
1450   2.05   2.07   2.04   2.00   1.44   2.00   1.44   2.00   1.45   2.05   2.65   0.66   0.66   0.66   0.66   0.13   0.142   0.435   0.435   0.435   0.435   0.435   0.435   0.435   0.435   0.235	(Mga	_	)ĝ	ns.	œ.	DS.	)g	-	+	DS.	) B	-	2	33	4	(Mgal)	(Mgal)	(Mgal)	hours	revious/hc	ans follow	.gui	DS.	Ga.
1860   1287   277   278   145   270   145   270   2.63	0.014	_		33.0	1.14	36.0	1.24	-				. 0.66	99.0	0.66	. 0.66	0.142	0.847	0.437		42	9	+	4.562	20.700
1.64   1.65   1.65   2.05   2.15   2.10   2.20	9000	_		37.0	1.43	40.0	1.54	+	4			99.0	99.0	99.0	99.0	0.133	0.763	0.393	45		t	42	4,562	20,700
12   12   12   12   12   12   12   12	1 0.012	_		30.0	1.12	33.0		_				99.0	99.0	99.0	99.0	0.130	0.759	0.391		43	40	ш	4,562	20,700
14.00   14.0	. 0.008	_		34.0	1.30	9.0	0.34					99.0	99.0	99.0	99.0	0.140	0.828	0.426	42		42	34	6,843	31,050
000 2005 256 410 148 160 0.058 30.00 2.78	0.011	Н		35.0	1.32	12.0	0.45	_	ш	Ц		99'0	99.0	99.0	99.0	0.132	0.739	0.380		43	42	38	4,562	20,700
0.17 200. 2.23 4.00 15.2 19.0 0.72 29.00 2.47	0.005	_		41.0	1.48	16.0	0.58	_	_			99.0	99.0	0.66	0.66	0.128	0.810	0.417	40	35	40		6,843	20,700
1870   211   370   211   380   121   280   280   284   0.066   0.66	0.017	-		40.0	1.52	19.0	0.72	_	_			99.0	0.66	99.0	99.0	0.152	0.888	0.458	37		36	_	6,843	31,050
0.05 1770 1 18 340 1 128 340 1 18 20 234 0 234 0 0.66 0.66 0.66 0.66 0.66 0.69 0.93 0 0.479 0.049 0.049 0.050 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.011	_		39.0	1.21	26.0	_	_	_			99.0	99.0	99.0	0.66	0.183	0.924	0.476		40		4	4,562	20,700
1.00   1.00	0.000	_		34.0	1.08	34.0	_	_	_			99.0	99.0	0.66	0.66	0.147	0.932	0.480	35	Ľ	37	33	6,843	31,050
1860   2.01   2.01   4.00   1.23   4.00   1.25   31.00   2.57   2.50   0.66   0.66   0.66   0.166   0.166   0.166   0.406	0.012	-		38.0	1.32	44.0	1.42	_	_			0.00	00.0	0.00	00.0	0.109	0.931	0.479	Š	SS AS	35	33	4,562	210 560
11 182 0 2.4 4.0 1.37 49.0 1.52 31.00 2.51	0.018	_		40.0	1.23	46.0	1.41	+-	_			0.66	99.0	0.66	0.66	0.166	0.964	0.496	34	3	32	+	6,843	31,050
186.0   1.86   1.86   2.30   0.939   37.0   1.04   31.00   2.32   0.066   0.66   0.66   0.66   0.166   0.169   0.525   0.475     186.0   1.38   24.0   0.22   27.0   0.93   18.00   1.45   0.06   0.66   0.66   0.66   0.169   0.050   0.475     186.0   2.33   2.40   0.24   23.00   2.39   0.06   0.66   0.66   0.66   0.131   0.775   0.373     186.0   2.33   27.0   1.22   14.0   0.24   23.00   2.02   0.66   0.66   0.66   0.66   0.131   0.775   0.375     186.0   2.33   27.0   1.22   14.0   0.25   23.00   2.25   0.66   0.66   0.66   0.66   0.66   0.131   0.775   0.385     189.0   2.25   22.0   1.32   1.41   13.0   0.25   23.00   2.25   0.06   0.66   0.66   0.66   0.66   0.131   0.775   0.385     189.0   2.25   22.0   1.32   24.0   1.41   25.0   2.25   0.06   0.66   0.66   0.66   0.66   0.131   0.775   0.385     189.0   2.25   2.20   1.34   38.0   1.50   2.50   2.50   0.66   0.66   0.66   0.66   0.14   0.775   0.385     189.0   2.25   2.20   1.34   38.0   1.25   2.00   2.25   0.06   0.66   0.66   0.66   0.14   0.755   0.385     189.0   2.25   2.20   1.13   38.0   1.25   2.00   2.25   0.06   0.66   0.66   0.66   0.16   0.16   0.385     189.0   2.25   2.20   1.13   38.0   1.25   2.00   2.25   0.06   0.66   0.66   0.66   0.15   0.15   0.385     189.0   2.25   2.20   1.13   38.0   1.25   2.00   2.25   0.06   0.66   0.66   0.66   0.15   0.145     189.0   2.25   2.20   1.13   38.0   1.25   2.00   2.25   0.06   0.66   0.66   0.66   0.15   0.145     189.0   2.25   2.20   1.14   38.0   1.25   2.20   2.25   0.06   0.66   0.66   0.66   0.15   0.145     189.0   2.25   2.20   1.14   3.00   2.23   0.05   0.66   0.66   0.66   0.16   0.16   0.16     189.0   2.25   2.20   1.14   3.00   2.23   0.14   0.06   0.66   0.66   0.16   0.16   0.16   0.16     189.0   2.25   2.20   1.14   3.00   2.23   0.14   0.06   0.66   0.66   0.16   0.16   0.16   0.16     189.0   1.26   2.26   2.26   2.20   2.23   0.14   0.24   2.20   2.23   0.14   0.14   0.14   0.14   0.14   0.14   0.14   0.14   0.14   0.14   0.14   0.14   0.14   0.14   0.14   0.14   0.14	0.013	_		44.0	1.37	49.0	1.52	+				99.0	99.0	99.0	99.0	0.159	0.910	0.469	33	34	33	4	9,124	41,400
04 1220 1.131 240 0.82 270 0.44 230 2.39	0.015	_		33.0	0.93	37.0	1.04		_			99.0	99.0	99.0	99.0	0.166	0.998	0.514		36			2,281	10,350
11. 156.0 2.13 2.0 1.28 10.0 0.44 23.0 2.39	0.004	_		24.0	0.82	27.0	0.93	_				99.0	99.0	99.0	99.0	0.159	0.922	0.475	34		36	31	6,843	31,050
101 1890 2.27 3.20 1.31 140 0.58 25.00 2.58	3 0.013	_		29.0	1.28	10.0	0.44	-	_			99.0	99.0	0.66	99.0	0.129	0.724	0.373		44		41	4,562	20,700
0.08 132.0 1.83 28.0 1.14 13.0 0.53 20.0 2.02 0.06 0.06 0.06 0.06 0.13 0.716 0.086 0.000 180.0 0.000	3 0.010	_		32.0	1.31	14.0	0.58	-	_			99.0	99.0	99.0	99.0	0.111	0.735	0.379	51		49	7	4,562	20,700
1860   2.53   27.0   122   16.0   0.72   23.00   2.59   0.66   0.66   0.61   0.111   0.709   0.385     1860   2.53   2.70   1.22   16.0   0.84   25.00   2.57   0.66   0.66   0.66   0.141   0.709   0.385     1860   2.43   2.20   1.23   34.0   1.41   25.0   2.59   0.66   0.66   0.66   0.66   0.124   0.756   0.389     1860   2.43   32.0   1.33   34.0   1.41   25.00   2.59   0.66   0.66   0.66   0.66   0.124   0.756   0.389     1860   2.43   32.0   1.34   38.0   1.50   2.700   2.60   0.66   0.66   0.66   0.66   0.124   0.756   0.389     1860   2.43   35.0   1.34   38.0   1.35   25.00   2.16   0.66   0.66   0.66   0.66   0.16   0.16   0.389     1860   2.43   35.0   1.34   38.0   1.35   25.00   2.16   0.66   0.66   0.66   0.66   0.16   0.16   0.389     1860   2.43   35.0   1.43   38.0   1.25   25.00   2.16   0.66   0.66   0.66   0.16   0.16   0.145     1860   2.43   35.0   1.43   38.0   1.25   25.00   2.16   0.66   0.66   0.66   0.16   0.145   0.455     1860   2.43   35.0   1.40   44.0   1.56   27.00   2.54   0.66   0.66   0.66   0.16   0.145   0.455     1860   2.44   35.0   1.40   44.0   1.54   27.00   2.53   0.66   0.66   0.66   0.16   0.147   0.903   0.465     1860   2.44   35.0   1.40   44.0   1.54   27.00   2.54   0.66   0.66   0.66   0.16   0.147   0.903   0.465     1860   2.44   35.0   1.40   1.40   2.40   2.40   2.40   0.66   0.66   0.66   0.147   0.903   0.465     1860   2.45   3.00   2.40   2.40   2.40   2.40   0.26   0.66   0.66   0.66   0.147   0.903   0.465     1860   2.45   3.00   2.40   2.40   2.40   2.40   0.40   0.66   0.66   0.66   0.66   0.147   0.903   0.465     1860   2.45   3.00   2.40   2.90   0.40   0.66   0.66   0.66   0.147   0.903   0.465     1860   2.40   2.40   2.40   2.40   2.40   0.40   0.66   0.66   0.66   0.66   0.147   0.903   0.465     1860   2.40   2.40   2.40   2.40   2.40   0.40   0.66   0.66   0.66   0.66   0.66   0.147   0.903   0.465     1860   2.40   2.40   2.40   2.40   2.40   2.40   0.40   0.66   0.66   0.66   0.66   0.66   0.66   0.66   0.66   0.66   0.66   0.66   0.66	9000	_		28.0	1.14	13.0	0.53	-	_			99:0	99.0	0.66	99.0	0.131	0.715	0.368		4	1	40	4,562	20,700
186   2.55   32.0   1.28   2.10   0.84   25.0   2.57   0.66   0.66   0.141   0.735   0.390   0.390   186.0   2.52   32.0   1.14   25.0   2.25   0.25   0.66   0.66   0.14   0.14   0.755   0.380   0.380   0.380   0.25	300.0	_		27.0	1.22	16.0	0.72	-+	_			99.0	99.0	99.0	99.0	0.111	0.709	0.365	52		49	4	4,562	20,700
008 196.0 2.28 28.0 1.77 25.0 1.01 23.00 2.25 0.06 0.06 0.06 0.06 0.05 0.739 0.739 0.00 196.0 196.0 2.24 2.25 0.02 2.00 2.00 0.06 0.06 0.06 0.06 0.06	3000	_	_	32.0	1.28	21.0	0.84	-+	_			99.0	99.0	99.0	99.0	0.111	0.735	0.378		45	Ť	_	4,562	20,700
186.0   2.43   32.0   1.33   34.0   1.41   25.00   2.56   0.06	0.000	_		29.0	1.17	25.0	1.01	_	_			99.0	99.0	99.0	99.0	0.136	0.739	0.380	42	42	43	36	9,124	41,400
12   12   12   12   12   12   12   12	0.012	-		32.0	1.33	34.0	1.41	-	_			99.0	99.0	99.0	99.0	0.124	0.755	0.389	40	40	45	90	0	0 44
1900   2.22   32.0   1.15   36.0   2.16   0.66   0.66   0.66   0.66   0.66   0.66   0.450   0.445     1910   2.13   32.0   1.11   38.0   1.32   26.00   2.23   0.66   0.66   0.66   0.66   0.160   0.485   0.455     1910   2.13   2.20   1.11   38.0   1.32   26.00   2.23   0.66   0.66   0.66   0.66   0.149   0.887   0.457     1910   2.26   35.0   1.36   4.00   1.56   27.00   2.53   0.66   0.66   0.66   0.66   0.149   0.887   0.457     1910   2.26   2.56   4.00   1.40   4.40   1.54   30.00   2.53   0.66   0.66   0.66   0.66   0.147   0.179   0.402     1910   1.20   1.36   2.00   1.40   0.46   21.00   1.73   0.66   0.66   0.66   0.66   0.147   0.903   0.465     1910   1.20   1.40   1.40   4.40   1.54   21.00   1.74   0.66   0.66   0.66   0.66   0.16   0.147   0.145     1910   1.20   1.45   1.60   0.80   2.40   2.90   0.66   0.66   0.66   0.66   0.16   0.147   0.145     1910   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40     1910   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40     1910   1.40   1.	0000	_		35.0	1 29	41.0	1.51	-	_			0.00	0.00	0.00	0.00	0.150	0.732	0.300	41	î	2 68	4	6.842	31,050
006         191.0         2.13         32.0         1.11         38.0         1.32         26.00         2.23         0.66         0.66         0.66         0.66         0.66         0.69         0.149         0.887         0.442           0.13         2.26.         1.56         2.70         2.54         0.66         0.66         0.66         0.66         0.137         0.779         0.402           0.13         2.26         1.56         2.70         1.73         0.779         0.66         0.66         0.66         0.66         0.66         0.67         0.67         0.402           0.12         1.20         1.73         0.79         0.40         2.100         1.73         0.66         0.66         0.66         0.66         0.66         0.66         0.67         0.465         0.465         0.465         0.465         0.465         0.465         0.465         0.465         0.465         0.465         0.66	0.013	-		32.0	1.15	36.0	1.29	+-	_			99:0	99.0	0.66	99.0	0.150	0.845	0.435	40	38	3	_	2,281	10,350
1.0   2.0   2.6   3.5   1.36   4.0   1.56   27.0   2.54   9.0   0.66   0.66   0.66   0.65   0.137   0.779   0.402     2.0   2.0   2.0   4.0   4.0   4.0   1.54   30.0   2.53   9.0   0.66   0.66   0.66   0.16   0.15   0.451     2.0   2.0   2.0   2.0   4.0   4.0   1.54   30.0   2.53   9.0   0.66   0.66   0.66   0.14   0.87   0.445     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   0.66   0.66   0.66   0.66   0.14   0.32   0.455     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   0.66   0.66   0.66   0.66   0.14   0.32   0.455     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   0.66   0.66   0.66   0.14   0.32   0.455     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   0.66   0.66   0.66   0.14   0.32   0.455     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   0.66   0.66   0.66   0.14   0.32   0.455     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   0.66   0.66   0.66   0.66   0.14   0.32     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0     2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0     2.0   2	0.006	_		32.0	1.11	38.0	1.32	-	Н			99.0	99.0	99.0	99.0	0.149	0.887	0.457	40		40	40	6,843	31,050
12   12   12   12   12   13   13   13	5 0.013	-		35.0	1.36	40.0	1.56	_				99.0	99.0	0.66	99.0	0.137	0.779	0.402	36	43	36		6,843	31,050
12.0   12.0   12.8   30.0   0.99   14.0   0.46   21.00   17.3   0.66   0.66   0.66   0.147   0.903   0.465     12.1	1 0.013	_		40.0	1.40	44.0	1.54	_				99.0	99.0	99.0	99.0	0.151	0.875	0.451	36	38	0		4,562	20,700
March   Marc	0.010	_		30.0	0.99	14.0	0.46	-				99.0	99.0	99.0	99.0	0.147	0.903	0.465	36		36	32	6,843	31,050
Name   Control of the period	0.012	-		26.0	0.91	14.0	_	_	_		$\rfloor$	99.0	99.0	99.0	99.0	0.161	0.924	0.476	48	46	1	4	2,281	10,350
RTW Sample Terro	0.007	-	_	29.0	1.45	16.0	_	_	_			99.0	99.0	0.66	99.0	0.093	0.626	0.323	48		49	4	6,843	31,050
TDS   Trg/L   Calcium Hardness   Trg/L   Trg		RTWS	ample	Тетр		ပ္စ		-	Alkalinity	Ĺ	mg/L			Sulfate		mg/L					T	+		
Ph				SEL		mg/L		alcium,	Hardness		mg/L													
Type of Pu   Typ	_			Hd		SU			Chloiride	0	mg/L											1		
Type of Chlorine Bad	-							1	1		5	NA S				Ī		FLOORID.	5		1	+		
Icertify that the information in this report is complete   Calcium Mypochlorite   % and accurate to the best of my knowledge   Sodium Hypochlorite   12.5 %   Reported by:   Cert or Req:   Chlorine Test Kit Used:	4										Type c	of Chlorine	Used					Type of F	luoride	Used		3	- WE	
and accurate to the best of my knowledge Sodium Hypochlorite _12.5 % Reported by: Cert or Req: Chlorine Test Kit Used:	ō	Icertify	/ that the	informa	tion in th	is repor	t is con	nolete				Calcium	Prooch	orite	%				Sodii	III Flu	ride			
Reported by: Cert or Req: Chlorine Test Kit Used:	Ф	and ac	curate to	the bes	t of my	knowlec	ge	_	L			Sodium	Hypochl	orite _12					Othe					
	_	Report	ed by:			Cert or	Req:					Chlorine	Test Kil	: Nsed:					Type	of Te	st Inst	ument	.pesq:	
	Fed	Bacter	ials Sent																		П	H		
	ate Fed	Pate.						_	_	_	_											t		



California   Part   P	DIV	/ISION C	JE PUBL	DIVISION OF PUBLIC WATER SUPPLIES	ER SUP	PLIES						_	FOR MONTH OF	NTH OF		May 2018								
Part	otals												Che	mical	Test									П
Part					Ray	N			d	re Filte	ī	Pos	st Filter		Post	IEX				E	inished			
Mindre   March   Mar	_	Plant				Total	Total	Total	Tot	Tot	Sol	_	_	Mem		otal		Total	Total	Total	Total		Dist. C	ĕ
1   1   1   1   1   1   1   1   1   1	_	Water	표	Temp	_	Hard.	e E	Mn	Fe	Mn	M.	-	_	-	e i	Mn	표	Ak.	Hard.	e i	W.	L 1	F .	ee
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		(M gal)		geg. C	mg/L	mg/L	J.	mg/L	шдуг	J/GW	mg/L	_	_	_	J/GIII	mg/L		mg/L	mg/L	J/GII	J.G	_		E L
0.000 7.44 14.7 280 890 0.890 0.890 0.0390 0.014 0.016 0.049	-	0.014	7.58	14.5	280	350	0.68	0.209			0.013			0.32	T	T	7.78	270	110	0.01	0.014	_		P
0.010 7.66 14.1 280 380 0.67 0.289 0.67 0.209 0.051 0.004 0.022 0.02 7.50 0.00 0.004 0.004 0.005 7.45 14.4 280 380 0.68 0.206 0.208 0.005	-	0.009	7.04	14.7	280	350	06.0	0.206		0.374	0.016	٦		0.34	Γ	T	7.04	270	120	0.01	900.0	1.02	1.5	7
0.00 7.45 144 280 350 0.78 0.209 0.039 0.010 0.020 0.020 0.010 0.020 0.020 0.010 0.020 0.	-	0.012	99'2	15.1	290	360	0.67	0.209		0.349	0.014		_	0.42			7.53	280	120	0.01	0.007	1.05	1.3	¥
0.00 7.44 144 280 350 0.68 0.299 0.799 0.729 0.7	-	0.008	7.45	14.4	290	350	0.78	0.208			0.016		_	0.32			7.80	270	110	0.01	900.0	0.74	1.2	¥
0.009 7.45 144 280 380 0 580 0 1280 0 1079 0 1020 0 330 0 789 0 1070 0 1020 0 330 0 1080 0 1	-	0.011	7.44	14.4	280	350	0.88	0.219		0.379	0.026			0.17			7.91	280	110	0.00	0.008	0.75	1.2	¥
0.019 7.42 144 280 880 980 0189 0189 0189 0180 0181 020 0131 7.42 140 0180 0180 0180 0180 0180 0180 0180	-	0.009	7.45	14.4	290	360	99.0	0.206			0.017	_		0.39	Г	Г	7.68	280	120	0.01	0.008	0.77	1.3	÷
0.01 7.47 140 280 380 082 0.026 0.0412 0.019 0.023 0.31	-	0.017	7.42	14.4	280	360	95.0	0.198		0.348	0.018		_	0.20			7.84	270	130	0.00	0.004	0.82	1.3	÷
0.01 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-	0.011	74.7	14.0	280	360	0.62	0.205		0.412	0.019		_	0.31			7.72	270	130	0.00	600.0	0.78	1.3	÷
0.014 7.41 4.45 280 380 1.03 0.244 0.337 0.020 0.023 0.37 7.45 280 1.00 0.01 0.000 0.000 0.000 7.30 14.5 280 380 1.00 0.207 0.325 0.039 0.023 0.023 0.023 0.023 0.023 0.020 0.000 0.	-	0.009	7.33	15.2	280	370	0.88	0.177		0.328	0.003		_	0.33	Г	Г	7.45	280	130	0.01	0.003	92.0	1.4	÷
0.018 7.49 145 280 380 1100 0.2077 0.322 0.019 0.025 0.23 0.74 5.280 170 0.010 0.010 0.018 0.018 0.018 0.025 0.018 0.025 0.018 0.025 0.018 0.025 0.018 0.025 0.018 0.025 0.018 0.025 0.018 0.027 0.019 0.020 0.001 0.001 0.001 0.001 0.018 0.025 0.028 0.025 0.028 0.025 0.025 0.020 0.027 0.026 0.025 0.020 0.027 0.026 0.025 0.020 0.027 0.026 0.025	-	0.014	7.41	14.5	280	360	1.03	0.214			0.020	_		0.37	Г	Г	7.63	270	130	0.01	900.0	0.84	1.3	¥
0.016 7.47 144 284 389 0.68 0.218 0.039 0.014 0.025 0.18 7.75 280 108 0.01 0.001 0.019 0.	_	0.009	7.30	14.5	280	360	1.00	0.207		0.362	0.019	_		0.23	Г	Г	7.45	280	130	0.01	0.007	0.81	1.3	÷
0.013 7.46 14.2 289 370 0.67 0.284 0.377 0.015 0.021 0.20	-	0.018	7.47	14.4	284	360	69.0	0.218		0.379	0.024	_		0.18	Г	Г	7.75	280	108	0.01	0.010	98.0	1.3	÷
0.019         7.26         14.6         290         370         0.56         0.176         0.017         0.30         7.45         270         120         0.00         0.000           0.014         7.39         16.3         280         370         0.54         0.176         0.028         0.043         0.015         0.25         7.42         280         130         0.10         0.000           0.013         7.39         16.3         280         0.75         0.196         0.328         0.013         0.018         0.25         7.42         280         130         0.10         0.000           0.010         7.49         16.5         280         0.76         0.72         0.013         0.020         0.24         0.013         0.020         0.24         0.013         0.020         0.24         0.01         0.000	-	0.013	7.40	14.2	290	370	0.67	0.204			0.015	Ť	_	0.20	Г	Г	7.70	290	120	0.01	0.007	0.80	1.4	7
0.004         7.39         16.3         280         380         0.54         0.176         0.028         0.03         0.24         7.42         280         130         0.01         0.020           0.010         7.31         16.2         280         370         1.27         0.029         0.24         7.42         280         130         0.01         0.00           0.010         7.49         15.5         280         370         0.78         0.229         0.01         0.01         0.01         0.01         0.00         0.01         0.00         0.01         0.00         0.01         0.00         0.01         0.00         0.01         0.00         0.01         0.00         0.01         0.00         0.01         0.00         0.01         0.00 <td>-</td> <td>0.019</td> <td>7.26</td> <td>14.6</td> <td>290</td> <td>370</td> <td>0.58</td> <td>0.192</td> <td></td> <td>0.370</td> <td>0.011</td> <td></td> <td></td> <td>0.30</td> <td>Г</td> <td>Г</td> <td>7.45</td> <td>270</td> <td>120</td> <td>0.00</td> <td>0.008</td> <td>1.18</td> <td>1.3</td> <td>÷</td>	-	0.019	7.26	14.6	290	370	0.58	0.192		0.370	0.011			0.30	Г	Г	7.45	270	120	0.00	0.008	1.18	1.3	÷
0.013 7.31 16.2 280 370 17.7 0.209 0.336 0.013 0.009 0.24 7.04 280 128 0.01 0.009 0.	-	0.004	7.39	16.3	280	360	0.54	0.176			0.093			0.25	Г	Г	7.42	280	130	0.01	0.002	0.78	1.3	÷
0.0010         7.49         15.5         280         380         0.78         0.013         0.013         0.020         0.19         0.28         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         0.01         0.000           0.000         7.49         15.3         280         37.0         0.57         0.105         0.01         0.71         0.72         0.02         0.01         <	-	0.013	7.31	16.2	290	370	1.27	0.209		0.336	0.013			0.24	Г	Г	7.04	290	128	0.01	0.005	1.01	1.2	¥
0.000         7.44         14.1         280         370         0.57         0.196         0.022         0.029         0.21         7.73         280         130         0.07         0.02         0.02         0.11         7.73         280         130         0.07         0.00         0	-	0.010	7.49	15.5	280	360	0.78	0.202		0.340	0.013		_	0.26	Г	Г	7.64	278	120	0.01	0.004	1.07	1.3	÷
0.009         7.49         15.3         290         352         0.78         0.224         0.035         0.017         0.021         0.18         7.42         280         112         0.00         0.00           0.009         7.49         15.3         290         360         0.73         0.286         0.017         0.021         0.18         7.42         280         120         0.00         0.00           0.009         7.40         14.5         284         358         0.68         0.203         0.356         0.01         0.034         7.72         280         120         0.00         0.01           0.013         7.30         14.2         280         372         0.64         0.203         0.356         0.01         0.034         0.03         0.34         0.00<	-	0.008	7.44	14.1	290	370	0.57	0.196		0.352	0.013	Ī		0.19	T	T	7.73	290	130	0.01	900.0	96:0	1.2	¥
0.009         7.39         15.3         290         380         0.73         0.017         0.021         0.18         0.18         0.017         0.021         0.18         0.18         0.017         0.021         0.21         0.74         280         120         0.001           0.018         7.38         1.45         284         3.58         0.58         0.193         0.018         0.021         0.34         0.74         2.20         1.20         0.001           0.018         7.38         1.47         280         372         0.58         0.196         0.345         0.017         0.025         0.34         0.74         7.48         280         1.30         0.00         0.00           0.013         7.04         1.42         280         372         0.186         0.345         0.016         0.025         0.31         7.44         280         1.30         0.00         0.00           0.013         7.04         1.42         280         356         0.186         0.345         0.016         0.021         0.22         0.14         0.017         0.22         0.14         0.017         0.22         0.14         0.017         0.22         0.14         0.017	-	0.009	7.49	15.3	290	352	0.78	0.224		0.374	0.022			0.21	Г	Г	7.85	280	112	0.00	0.013	0.83	1.0	¥
0.016 7.46 14.5 284 368 0.58 0.193 0.016 0.019 0.21 0.34 7.72 280 122 0.00 0.011 0.018 7.35 14.7 280 370 0.66 0.203 0.357 0.015 0.021 0.34 7.45 280 370 0.66 0.203 0.35 0.02 0.034 0.005 0.035 0.019 0.025 0.31 7.45 280 372 0.64 0.200 0.345 0.017 0.023 0.33 0.74 14.2 280 372 0.56 0.196 0.236 0.016 0.025 0.31 7.71 270 1.24 0.00 0.005 0.013 0.013 1.32 288 388 0.56 0.196 0.036 0.030 0.036 0.030 0.056 0.030 0.036 0.030 0.036 0.030 0.036 0.030 0.036 0.030 0.036 0.030 0.036 0.030 0.036 0.030 0.036 0.030 0.036 0.037 0.045 0.018 0.030 0.036 0.036 0.030 0.036 0.0	_	0.009	7.39	15.3	290	360	0.73	0.208			0.017		⊢	0.18	Г		7.42	280	120	0.00	0.007	0.88	1.6	7
0.015         7.35         1.47         2.00         370         0.015         0.015         0.024         0.023         0.03         0.03         0.02         0.00	-	0.009	7.40	14.5	284	358	0.58	0.193		0.336	0.016			0.21			7.72	280	122	0.00	0.011	0.98	1.3	7
0.0103         7.30         14.2         280         382         0.64         0.200         0.045         0.017         0.025         0.31         7.48         2.90         1.30         0.00         0.000           0.013         7.04         14.2         280         372         0.58         0.198         0.015         0.025         0.31         7.48         2.90         1.00         0.000           0.013         7.30         15.2         286         0.198         0.198         0.015         0.02         7.71         2.71         2.72         1.00         0.000           0.013         7.04         14.4         280         376         0.189         0.130         0.056         0.17         0.25         7.71         2.74         1.00         0.00           0.013         7.04         14.4         280         376         0.64         0.183         0.01         0.01         0.02         0.01         <	-	0.018	7.35	14.7	290	370	99.0	0.203			0.015			0.34			7.45	280	120	0.00	0.005	0.75	1.2	7
0.013 7.30 14.2 280 372 0.58 0.193 0.016 0.025 0.31		0.005	7.30	14.2	280	362	0.64	0.200			0.017			0.39			7.48	290	130	0.00	0.007	0.81	1.4	7
0.01   7.30   15.3   288   386   0.56   0.166   0.0248   0.016   0.025   0.0	-	0.013	7.04	14.2	280	372	0.58	0.193			0.016			0.31			7.04	278	126	0.00	0.004	0.75	1.3	7
14.0   14.6		0.013	7.30	15.3	288	358	95.0	0.196		0.345	0.018			0.25			7.71	270	124	0.00	0.008	0.79	1.3	÷
0.013         7.04         14.4         200         370         0.61         0.017         0.017         0.25         0.017         0.025         0.010         0.001 </td <td></td> <td>900'0</td> <td>7.53</td> <td>14.6</td> <td>284</td> <td>358</td> <td>0.80</td> <td>0.238</td> <td></td> <td>0.459</td> <td>0.036</td> <td></td> <td></td> <td>0.56</td> <td></td> <td></td> <td>7.73</td> <td>274</td> <td>116</td> <td>0.01</td> <td>0.019</td> <td>0.47</td> <td>1.3</td> <td>÷</td>		900'0	7.53	14.6	284	358	0.80	0.238		0.459	0.036			0.56			7.73	274	116	0.01	0.019	0.47	1.3	÷
0.013   7.42   15.1   280   370   0.64   0.193   0.036   0.013   0.016   0.34   0.13   2.90   1.35   0.00   0.020     0.010   7.03   15.4   290   364   0.187   0.262   0.010   0.012   0.32   0.03   0.03   1.20   1.20   0.010     0.011   7.03   15.8   2.90   3.64   0.66   0.206   0.262   0.010   0.017   0.021   0.017   0.021   0.017   0.022   0.022   0.02	-	0.013	7.04	14.4	280	370	0.61	0.199		0.371	0.014	)		0.25			7.04	278	120	0.01	0.005	98.0	1.4	7
0.010   7.03   15.4   290   384   0.61   0.187   0.362   0.010   0.012   0.32   0.03   0.01   0.006     0.012   7.03   15.8   2.90   384   0.66   0.206   0.362   0.009   0.017   0.40   0.017   0.40   0.01   0.010     0.010   7.03   15.7   286   386   0.91   0.204   0.349   0.014   0.017   0.32   0.01   0.010     0.010   7.03   15.7   286   386   0.91   0.204   0.349   0.014   0.017   0.32   0.01   0.010     0.010   0.024   0.024   0.024   0.024   0.024   0.014   0.017   0.02   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024   0.024   0.024   0.024   0.024   0.024   0.024   0.024   0.024   0.024   0.024   0.024     0.010   0.024		0.013	7.42	15.1	280	370	0.64	0.193			0.013			0.34			7.73	290	135	0.00	0.020	0.70	1.3	÷
0.012   7.03   15.8   290   384   0.66   0.206   0.362   0.009   0.017   0.40   0.704   2.96   1.40   0.011   0.004     0.007   7.03   15.7   286   386   0.91   0.204   0.014   0.017   0.32   0.01   0.005     0.008   0.014   0.014   0.017   0.32   0.017   0.32   0.01   0.005     0.009   0.014   0.014   0.014   0.017   0.32   0.01   0.010     0.001   0.004   0.004   0.004   0.004   0.004   0.004     0.002   0.004   0.004   0.004   0.004   0.004   0.004     0.003   0.004   0.004   0.004   0.004   0.004     0.004   0.004   0.004   0.004   0.004   0.004   0.004     0.004   0.004   0.004   0.004   0.004   0.004     0.004   0.004   0.004   0.004   0.004   0.004   0.004     0.004   0.004   0.004   0.004   0.004   0.004   0.004     0.005   0.004   0.004   0.004   0.004   0.004   0.004     0.006   0.004   0.004   0.004   0.004   0.004   0.004     0.007   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004     0.008   0.004		0.010	7.03	15.4	290	364	0.61	0.187			0.010			0.32			7.03	290	128	0.01	0.006	0.78	1.3	7
0.007   7.03   15.7   286   366   0.91   0.204   0.014   0.017   0.32   0.014   0.017   0.32   0.014   0.017   0.02   0.010   0.005	_	0.012	7.03	15.8	290	364	99'0	0.206		0.362	600.0	)		0.40			7.04	286	140	0.01	0.004	0.83	1.3	÷
CHLORMATION   FLUORI	-	0.007	7.03	15.7	286	366	0.91	0.204		0.349	0.014			0.32			7.03	278	135	0.01	0.005	0.86	1.4	7
CHLORIMATION   Type of Chlorine Used   Type of Chlor	33.69																							
CHLORIMATION   Type of Chlorine Used   Type of Type of Chlorine Used   Type of Type of Chlorine Used   Type of Chlorine Used   Type of Chlorine Used   Type of Type of Type of Chlorine Used   Type of Chlorine Used   Type of Type of Type of Type of Type of Type of Chlorine Used   Type of Chlorine Used   Type of Type	1.41																							
CHLORIMATION   Type of Chlorine Used   Type of Chlorine Used   Type of Chlorine Used   Type of Chlorine Gas   Ty	0.79																							
Type of Chlorine Used   Type of Chlorine Used   Type of Chlorine Used   Chlorine Gas   Type of Calcium Hypochlorite	1.09			ľ		Ī					Ť	ľ		- CITY		İ			İ	ľ	1001	OLT V	İ	ı
Chlorine Gas Calcium Hypochlorite% Sodium Hypochlorite% Chlorine Test Kit Used:												, <u>-</u>	The of	Chlorine	200						Tyne of	Flioride	Va o	
Calcium Hypochlorife % Sodium Hypochlorife 12.5 % Chlorine Test Kit Used:											İ	T	2			hlorine	Gas				2	Hydroflu	osilicic /	Cid
Sodium Hypochlorite _12.5 % Chlorine Test Kit Used:	Ī	certify	that the	informat	ion in th	is repor	t is com	plete			İ	Γ			Ĭ	alcium	lypochi	orite	%			Sodium	luoride	
Cert or Req: Chlorine Test Kit Used:		and acc	urate to	the best	of my k	nowled	ge									Sodium	lypochic	rite_12				Other		П
Bacterials Sent:	Ī	Reporte	d by:			Cert	or Req:					П			Ĭ	hlorine	Test Kit	Used:		П		Type of	Test Ins	tru
	Ī	Bacteria	ils Sent:									Г								Г				