



ALEXANDRIA WATER WORKS

PWSID Number 5248001

[Signature]

IDEM Field Rep CLINT WOODS

Title OPERATOR

Certification Number WT3 947015

I hereby certify that the data reported herein were obtained by the operator or under his direction and that the same are true and correct to the best of my knowledge and belief. I am also aware of the penalties for submitting false information.

PHYSICAL AND CHEMICAL DATA *

Date	Alkalinity		pH		Hardness		Iron		Manganese		Phosphate	Fluoride
	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Finished	Finished
1			7.7	6.9			1.75	0.05				
2			7.6	7.1			1.81	0.07				
3			7.2	7.0			1.83	0.09				
4			7.3	6.9			1.80	0.03				
5			7.5	7.3			1.85	0.05				
6			7.2	6.8			1.74	0.02				
7			6.9	7.2			1.83	0.05				
8			7.1	6.8			1.78	0.06				
9			7.5	7.3			1.81	0.02				
10			7.6	7.1			1.74	0.03				
11			7.2	7.0			1.77	0.05				
12			7.3	6.9			1.8	0.07				
13			7.6	7.3			1.75	0.03				
14			6.9	6.8			1.69	0.03				
15			7.2	6.9			1.78	0.08				
16			7.0	6.7			1.73	0.07				
17			7.6	7.2			1.74	0.03				
18			7.4	7.3			1.71	0.04				
19			7.2	6.8			1.79	0.06				
20			7.1	7.2			1.85	0.03				
21			6.9	7.2			1.89	0.04				
22			7.0	6.8			1.75	0.05				
23			6.8	6.6			1.71	0.02				
24			7.5	7.1			1.79	0.03				
25			7.0	6.9			1.70	0.4				
26			7.3	7.3			1.81	0.05				
27			7.3	7.0			1.85	0.05				
28			7.1	7.2			1.79	0.08				
29			7.4	7.3			1.88	0.07				
30			7.5	7.1			1.91	0.88				
31												

Date	Water Treated 1000 gallons	Chemicals Used -- Pounds								Filters		Chlorine Residual				Remarks
		Salt	Alum	Lime	Soda Ash	Carbon	Chlorine	Fluoride	Phosphate	Filter Run (hours)	Gallons per waft x 1000	Plant Tap		D.S.		
												Free	Total	Free	Total	
1	1,766						13.6			22.0		0.95	1.03	0.82	0.85	
2	1,734						11.2			24.0		0.98	1.07	0.66	0.70	
3	1,740						13.2			22.0		1.08	1.15	0.80	0.91	
4	2,031						14.4			22.0		0.98	1.01	0.75	0.87	
5	1,770						13.4			24.0		0.98	1.11	0.83	0.89	
6	1,754						13.6			24.0		1.08	1.20	0.85	0.94	
7	1,751						13.4			21.0		1.03	1.07	0.83	0.89	
8	1,601						13.0			24.0		0.98	1.10	0.73	0.86	
9	1,649						12.6			21.0		1.05	1.12	0.69	0.77	
10	1,661						12.4			24.0		0.97	1.03	0.62	0.73	
11	1,505						11.4			20.0		1.00	1.07	0.73	0.82	
12	1,688						13.4			24.0		1.08	1.17	0.80	0.82	
13	1,503						13.0			22.0		1.01	1.05	0.77	0.81	
14	1,524						11.0			19.0		1.07	1.11	0.81	0.88	
15	1,634						11.4			24.0		0.93	1.07	0.69	0.73	
16	1,506						10.6			19.0		1.12	1.18	0.58	0.66	
17	1,917						12.6			24.0		0.92	0.99	0.74	0.81	
18	1,750						12.8			24.0		0.98	1.07	0.54	0.64	
19	1,764						11.2			22.0		1.06	1.48	0.75	0.83	
20	1,844						11.8			24.0		0.90	0.94	0.64	0.70	
21	1,481						9.6			21.0		0.95	1.01	0.68	0.75	Monthly Water Treatment
22	1,801						12.6			24.0		1.07	1.11	0.65	0.69	Total Gallons
23	1,879						11.4			22.0		0.97	1.10	0.58	0.65	Max Day
24	1,776						12.8			22.0		0.96	1.03	0.67	0.74	Min Day
25	1,780						13.0			24.0		0.93	1.03	0.70	0.77	Avg Daily
26	1,579						12.4			24.0		1.08	1.14	0.81	0.82	
27	1,739						12.0			21.0		1.06	1.14	0.57	0.93	
28	1,830						12.8			24.0		1.01	1.07	0.61	0.72	Mail to
29	1,877						12.8			20.0		0.93	0.99	0.80	0.86	Indiana Department of
30	1,735						11.6			24.0		0.98	1.10	0.80	0.88	Environmental Management
31																Drinking Water Branch, MC 66 34

Mail to
Indiana Department of
Environmental Management
Drinking Water Branch, MC 66 34
100 North Senate Avenue
Indianapolis, IN 46201-2251