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JOSEPH D. CATALDI
Vice Chairman
BRUCE T. MILLER
Ex-Officio
CARISSA R. RICHARD
Secretary
FERNANDO S. CUNHA, ESQ.
Legal Advisor

Providence Water

DAVID N. CICILLINE
Mayor
PAMELA M. MARCHAND, P.E.
Chief Engineer & General Manager
JOSEPH DE LUCA
City Councilman
MICHAEL A. SOLOMON
City Councilman
JOHN A. FARGNOLI
Member
EVERETT BIANCO
Member

December 1, 2009

The Honorable David N. Cicilline
Providence City Hall
25 Dorrance Street
Providence, Rhode Island 02903

Dear Mayor Cicilline:

I am pleased to submit the 2008 Providence Water Supply Board Annual Report for your review.

The Annual Report comprises two volumes. The first volume is an executive summary of our major accomplishments and programs for the year, as well as financial statements for fiscal years 2007 and 2008. The second volume contains engineering and statistical data.

If you have any questions, please contact me at 521-6300.

Respectfully,
PROVIDENCE WATER SUPPLY BOARD

Pamela M. Marchand, P.E.
Chief Engineer and General Manager

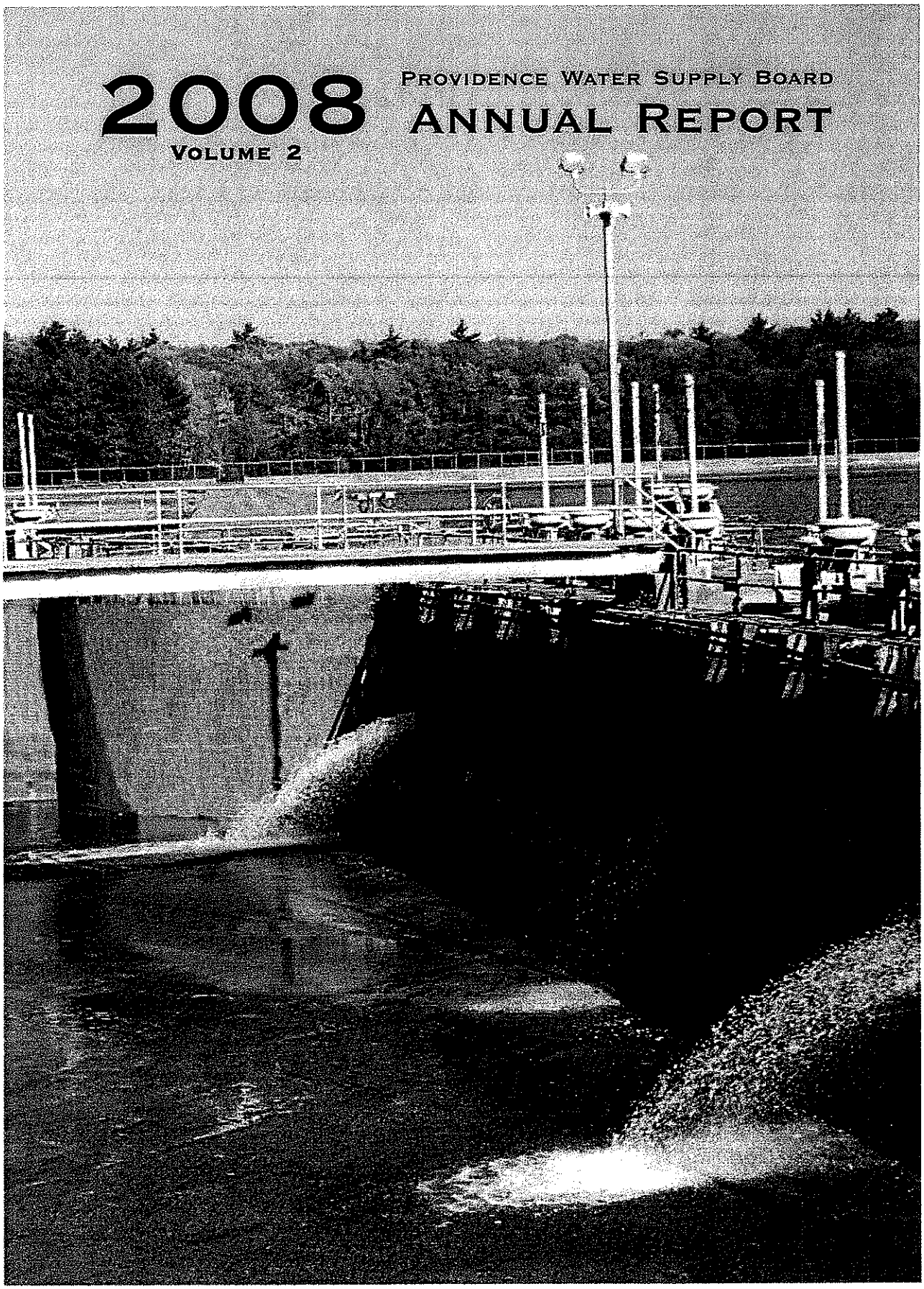
cc: Providence City Council President Peter S. Mancini
Providence City Council Members
Anna Stetson, City Clerk
Ken Burke, RI Water Resources Board
June Swallow, RI Department of Health
Luly Massaro, RI Public Utilities Commission
Anthony Simeone, RI Clean Water Finance Agency

IN CITY COUNCIL
JAN 7 2010
READ
WHEREUPON IT IS ORDERED THAT
THE SAME BE RECEIVED.
CLERK

2008 Annual Report

Volume 2

Providence Water Supply Board



Visit our website at www.provwater.com

Providence Water

2008 ANNUAL REPORT

Volume II

Engineering and Statistical Data

Pamela M. Marchand, P.E.
Chief Engineer and General Manager

Publication Team

Paul J. Gadoury, P.E.
Vincent A. La Greca

Foreword

This report represents a compilation of engineering and statistical records of Providence Water's operations for the reporting year ending June 30, 2008, as well as selected historical data dating back to the inception of the water supply system in the early 1900s.

Included in the report are various operational and statistical data related to the watershed, source of supply, water quality, water treatment and production, pumping, storage, system demand, and general system information. This data is presented in both tabular and/or graphical format. A ready reference to sections of particular interest can be found in the Table of Contents.

This report has been prepared by Providence Water's Engineering Department with the particular assistance of data provided by Providence Water's Departments of Water Resources and Water Quality. Volume II of the 2008 Providence Water Supply Board Annual Report is intended to serve as a technical information and reference document of system operations for Providence Water.

Paul J. Gadoury, P.E.
Director of Engineering

TABLE OF CONTENTS

TABLE 1

MONTHLY RAINFALL MEASUREMENTS (INCHES)
AT SELECTED MONITORING STATIONS ON THE SCITUATE WATERSHED

YEAR ENDING JUNE 30, 2008

MONTH	ROCKY HILL	HOPKINS MILLS	SCITUATE	WESTCOTT	GAINER DAM	MONTHLY AVERAGE
JUL	4.94	5.69	3.76	3.82	4.95	4.63
AUG	1.84	2.63	1.57	1.64	2.07	1.95
SEP	2.52	2.66	2.39	2.18	2.35	2.42
OCT	2.74	3.71	2.78	2.91	3.27	3.08
NOV	3.18	3.26	3.23	3.09	3.21	3.19
DEC	6.79	6.29	6.15	6.65	5.79	6.33
JAN	3.46	3.40	3.75	3.44	3.31	3.47
FEB	7.62	7.99	8.58	7.51	7.47	7.83
MAR	6.24	5.86	6.24	6.03	6.00	6.07
APR	4.02	4.25	4.40	4.18	4.08	4.19
MAY	1.85	2.50	2.29	2.29	2.29	2.24
JUN	2.51	2.19	2.43	2.13	2.47	2.35
TOTAL						47.75

TABLE 2

MONTHLY AND YEARLY RAINFALL IN INCHES ON THE SCITUATE WATERSHED

YEAR ENDING JUNE 30, 2008

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	CALENDAR YEAR	TOTAL
1916-17	7.38	1.33	1.24	2.61	2.34	3.30	3.96	2.18	4.91	2.70	4.15	4.54	40.64	1917	43.16
1917-18	1.51	6.13	2.66	6.71	0.48	3.23	3.56	3.73	2.15	4.56	3.12	4.49	42.33	1918	47.09
1918-19	5.13	4.14	8.79	1.07	2.60	3.75	4.89	3.42	6.05	4.31	5.99	3.65	53.79	1919	56.42
1919-20	5.47	6.65	6.07	2.29	5.05	2.58	3.03	6.10	4.90	6.28	3.95	7.93	60.30	1920	55.81
1920-21	4.44	3.86	3.04	1.34	5.85	5.09	3.46	3.06	3.72	5.45	3.73	4.30	47.34	1921	47.84
1921-22	6.80	2.97	2.53	1.26	8.02	2.54	1.91	2.67	6.40	1.98	5.22	6.34	48.64	1922	54.76
1922-23	8.36	9.09	5.35	2.92	1.41	3.11	6.78	1.82	3.73	5.92	1.48	4.93	54.90	1923	48.39
1923-24	2.78	2.35	2.15	5.67	5.68	5.10	4.49	2.92	2.80	6.12	3.66	1.49	45.21	1924	39.15
1924-25	1.72	5.85	5.28	0.21	2.23	2.38	4.41	2.22	4.76	2.85	2.72	2.36	36.99	1925	44.45
1925-26	6.14	1.70	2.96	4.32	4.83	5.18	3.26	6.10	3.73	2.46	2.27	1.74	44.69	1926	43.33
1926-27	3.80	3.94	1.89	5.04	5.55	3.55	2.98	3.31	1.59	2.56	3.41	3.36	40.98	1927	52.45
1927-28	3.99	8.55	2.61	5.24	9.22	5.63	2.72	4.32	2.70	5.43	1.45	3.91	55.77	1928	45.59
1928-29	5.06	5.50	4.80	3.99	2.50	3.21	5.20	4.89	3.92	7.56	3.47	2.27	52.37	1929	43.95
1929-30	2.06	2.93	1.35	3.09	3.06	4.15	2.86	2.88	3.23	2.03	2.74	3.05	33.43	1930	35.58
1930-31	3.33	3.00	1.35	3.36	4.65	3.10	3.55	2.57	6.37	3.36	4.19	6.31	45.14	1931	44.43
1931-32	3.74	5.96	1.97	2.22	1.03	3.16	6.16	2.38	6.16	1.97	2.57	2.75	40.07	1932	58.60
1932-33	2.57	6.44	11.75	6.63	7.13	2.09	2.02	3.81	6.55	6.18	3.76	4.04	62.97	1933	48.13
1933-34	2.00	3.60	7.56	3.41	1.48	3.72	3.87	4.53	4.03	5.24	3.98	4.79	48.21	1934	51.14
1934-35	2.20	3.89	7.37	3.25	4.44	3.55	7.24	3.09	1.93	4.76	2.27	5.12	49.11	1935	41.30
1935-36	4.10	1.42	3.59	1.04	5.86	0.88	8.81	4.16	9.31	3.80	1.98	2.98	47.93	1936	57.75
1936-37	2.63	3.28	7.72	2.00	1.25	9.83	5.02	2.45	4.09	5.42	3.05	3.40	50.14	1937	50.58
1937-38	1.58	6.47	4.19	3.92	8.10	2.89	5.29	2.91	2.70	2.60	4.17	8.62	53.44	1938	57.83
1938-39	11.49	3.10	6.76	2.64	3.91	3.64	3.08	5.06	5.86	4.53	0.94	2.95	53.96	1939	44.17
1939-40	1.20	6.52	3.47	5.76	1.40	3.40	2.82	5.97	4.04	6.00	5.76	2.45	48.79	1940	47.18
1940-41	4.41	2.01	2.63	2.00	6.81	2.28	3.12	3.37	2.97	1.36	3.16	4.92	39.04	1941	37.88
1941-42	5.90	4.00	0.20	1.75	3.35	3.78	4.95	3.30	8.35	0.89	2.80	3.88	43.15	1942	51.98
1942-43	5.38	4.32	1.94	4.26	5.52	6.39	3.56	1.95	3.68	3.90	3.87	1.99	46.76	1943	36.84
1943-44	3.41	2.15	1.30	6.38	3.43	1.22	1.79	2.50	5.05	4.11	1.35	3.75	36.44	1944	48.82
1944-45	1.74	2.01	11.03	2.71	8.45	4.33	3.45	5.79	2.13	3.36	4.89	5.17	55.06	1945	52.25
1945-46	2.74	3.06	2.84	2.21	9.03	7.58	3.82	3.81	1.42	2.37	4.92	3.31	47.11	1946	43.01
1946-47	2.49	11.48	3.69	0.48	1.32	3.90	2.98	2.60	3.85	5.40	3.37	4.10	45.66	1947	47.68
1947-48	4.86	2.91	4.02	3.26	6.42	3.91	7.14	2.57	4.26	3.97	9.36	4.20	56.88	1948	55.70
1948-49	3.73	3.14	1.59	4.86	7.43	3.45	4.38	3.62	2.47	4.65	4.03	0.10	43.45	1949	38.58
1949-50	1.24	6.07	3.49	2.27	3.47	2.79	3.68	4.62	3.99	3.68	3.51	2.93	41.74	1950	45.11
1950-51	1.62	5.04	2.03	2.23	7.21	4.57	4.95	4.48	5.91	3.97	5.20	2.71	49.92	1951	55.38
1951-52	3.36	3.08	2.41	4.14	9.64	5.53	4.88	4.81	4.13	4.41	3.97	3.16	53.52	1952	45.26
1952-53	1.20	7.33	2.21	1.94	3.02	4.20	7.38	4.64	9.33	7.54	3.24	1.67	53.70	1953	61.10
1953-54	4.27	2.94	2.74	5.57	6.22	5.56	2.91	3.16	4.36	5.37	4.91	1.55	49.56	1954	57.44
1954-55	2.76	9.10	7.63	3.13	5.65	6.91	1.00	4.96	4.17	4.16	1.78	4.53	55.78	1955	57.74
1955-56	2.43	12.75	4.53	11.48	5.23	0.72	5.39	4.39	7.91	3.84	2.42	2.10	63.19	1956	49.06
1956-57	4.13	1.56	3.98	2.96	4.92	5.46	2.90	2.46	3.33	5.01	1.55	0.72	38.98	1957	36.13
1957-58	0.96	1.58	1.58	3.07	5.50	7.47	8.46	4.50	5.46	7.55	3.84	2.69	52.66	1958	58.88
1958-59	7.04	4.58	6.12	3.83	3.03	1.78	2.56	4.12	7.13	4.41	1.15	5.55	51.30	1959	53.82
1959-60	6.74	2.27	0.57	8.37	5.35	5.60	3.59	5.65	3.27	3.06	4.49	1.15	50.11	1960	47.42
1960-61	4.86	2.55	8.10	3.58	2.86	4.26	3.24	3.48	4.27	5.92	5.65	2.25	51.02	1961	50.52
1961-62	3.01	4.02	9.43	2.60	3.18	3.47	4.55	6.15	3.67	2.16	2.05	4.68	48.97	1962	47.58
1962-63	1.33	3.37	3.49	8.95	4.20	2.98	3.23	3.41	3.71	2.03	3.06	3.36	43.12	1963	40.63
1963-64	3.59	1.65	4.41	1.59	7.82	2.77	6.32	5.36	2.63	5.65	1.15	1.98	44.92	1964	45.58

TABLE 2 (cont'd)

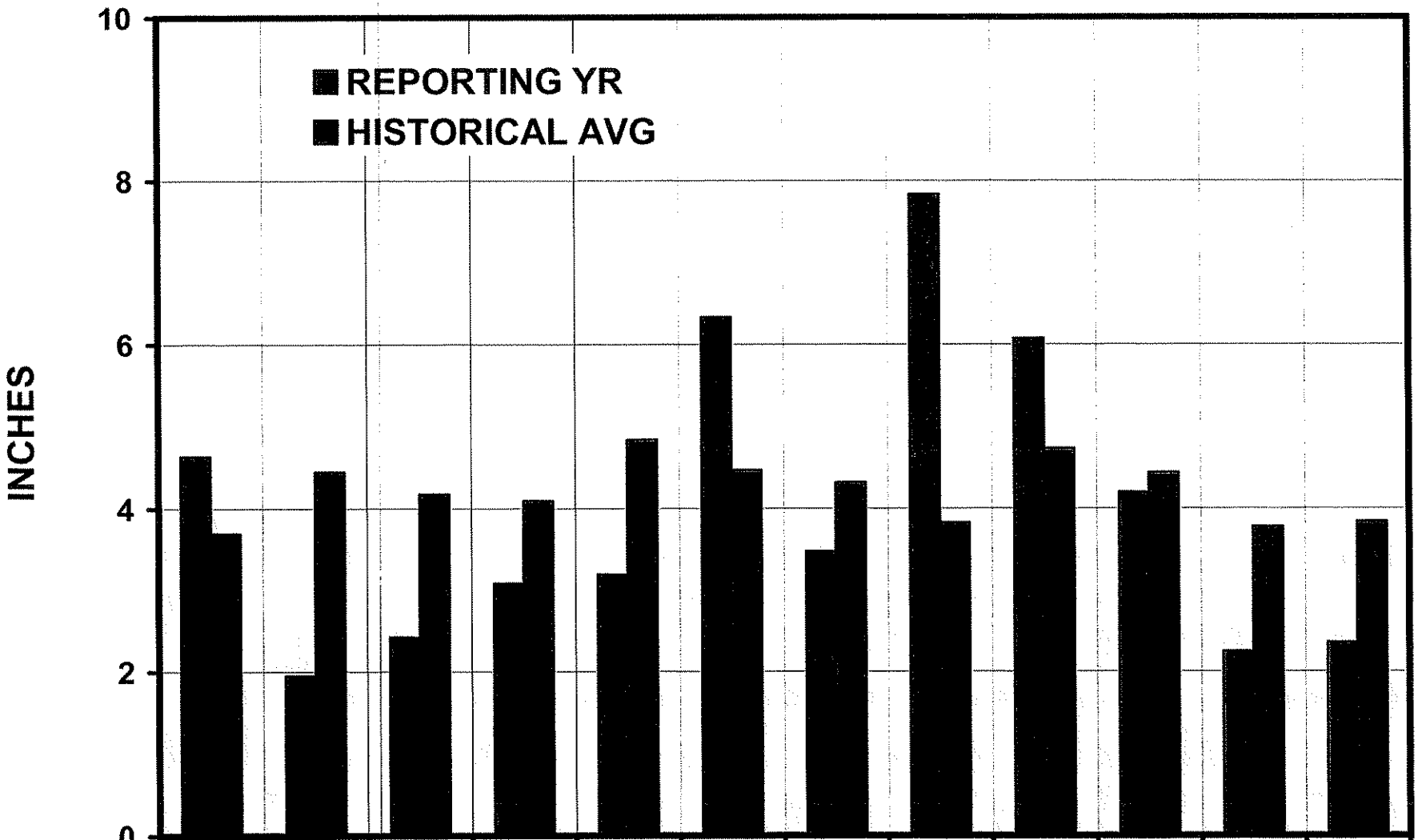
MONTHLY AND YEARLY RAINFALL IN INCHES ON THE SCITUATE WATERSHED

YEAR ENDING JUNE 30, 2008

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	CALENDAR YEAR	TOTAL
1964-65	3.86	2.14	3.56	2.84	3.81	6.28	4.13	4.51	2.13	2.54	2.03	2.71	40.54	1965	33.21
1965-66	2.61	2.58	1.96	3.58	2.48	1.95	5.93	5.09	1.59	1.95	3.57	2.40	35.69	1966	45.45
1966-67	3.71	3.10	5.28	3.65	5.41	3.77	2.10	4.00	6.15	4.81	8.33	3.12	53.43	1967	57.49
1967-68	6.71	4.50	3.86	2.24	3.45	8.22	4.28	2.12	8.07	1.65	4.01	6.21	55.32	1968	50.30
1968-69	1.27	2.77	2.90	2.46	7.00	7.56	1.73	6.88	3.65	5.82	4.22	1.37	47.63	1969	54.51
1979-70	5.01	2.57	4.02	1.96	6.35	10.93	0.74	6.51	4.91	4.13	3.46	3.39	53.98	1970	46.26
1970-71	0.75	5.23	2.09	3.71	5.76	5.58	2.25	5.35	3.27	3.37	4.42	2.45	44.23	1971	42.76
1971-72	3.40	2.27	3.30	4.44	5.15	3.09	2.51	6.49	8.35	3.71	7.72	6.57	57.00	1972	75.24
1972-73	6.49	2.67	5.99	5.19	10.48	9.07	2.93	3.68	3.20	7.53	4.46	5.77	67.46	1973	56.73
1973-74	3.13	4.59	5.04	4.19	2.25	9.96	4.83	3.39	5.83	3.74	3.37	2.78	53.10	1974	48.80
1974-75	1.29	3.95	7.44	3.68	1.98	6.52	5.76	3.43	3.84	3.36	2.16	3.77	47.18	1975	56.71
1975-76	3.19	3.95	7.58	6.82	6.89	5.96	7.61	3.43	3.53	2.43	3.21	3.19	57.79	1976	50.04
1976-77	6.57	6.89	3.19	5.74	0.48	3.77	4.49	3.09	6.81	3.99	3.24	3.98	52.24	1977	60.64
1977-78	3.53	3.66	7.46	8.52	6.46	5.41	9.83	2.54	4.13	2.54	6.23	1.45	61.76	1978	49.70
1978-79	3.04	7.58	1.50	3.57	2.47	4.82	14.42	4.10	2.78	5.67	8.13	2.17	60.25	1979	62.35
1979-80	1.70	8.19	4.57	3.90	4.85	1.87	1.58	1.15	9.65	6.18	1.80	3.85	49.29	1980	42.77
1980-81	5.23	2.48	1.08	4.64	4.04	1.09	0.78	7.66	0.90	4.48	3.29	2.70	38.37	1981	45.51
1981-82	3.18	1.59	4.70	5.43	3.69	7.11	7.52	2.03	3.95	4.55	2.20	12.87	58.82	1982	55.40
1982-83	3.95	3.72	3.65	3.63	5.10	2.22	4.98	5.38	10.35	12.09	4.29	4.11	63.48	1983	71.26
1983-84	1.83	3.42	1.63	5.90	9.91	7.38	2.31	6.97	7.08	5.84	5.95	6.98	65.20	1984	53.94
1984-85	4.87	0.67	2.33	4.74	3.32	2.87	1.28	2.58	2.90	1.96	4.46	5.83	37.82	1985	43.55
1985-86	3.68	5.85	3.05	1.95	8.57	1.44	4.96	3.36	3.79	2.05	2.86	4.35	45.91	1986	54.17
1986-87	5.88	6.75	1.14	3.03	7.46	8.54	6.02	0.69	3.72	10.68	2.46	1.92	58.28	1987	48.58
1987-88	3.03	4.01	5.98	4.41	2.48	3.19	3.17	5.00	4.22	3.67	3.78	1.10	44.04	1988	45.94
1988-89	6.13	1.87	2.70	3.33	9.32	1.65	1.85	3.25	3.96	5.24	4.78	6.09	50.17	1989	58.94
1989-90	5.65	7.63	4.80	7.91	6.52	1.26	5.59	3.63	2.37	5.45	7.37	1.97	60.15	1990	60.09
1990-91	4.19	9.36	2.22	8.88	2.80	6.26	3.46	2.21	6.63	3.81	3.89	1.17	54.88	1991	53.45
1991-92	2.96	10.40	6.49	3.21	6.32	2.90	4.85	2.39	5.08	2.70	1.24	6.11	54.65	1992	55.78
1992-93	3.94	7.13	4.72	2.75	6.34	8.53	2.92	4.33	8.33	5.26	0.91	2.13	57.29	1993	50.16
1993-94	2.80	3.74	4.91	3.41	3.87	7.55	5.88	3.30	7.55	2.59	3.21	2.61	51.42	1994	50.60
1994-95	2.08	6.71	5.14	0.47	5.59	5.47	3.76	2.91	3.46	3.09	3.94	3.09	45.71	1995	43.29
1995-96	1.84	2.49	3.57	7.42	5.44	2.28	7.14	3.76	3.86	6.96	3.29	2.26	50.31	1996	61.80
1996-97	6.30	2.43	6.74	7.69	3.28	8.09	3.88	1.78	4.13	6.34	2.80	1.68	55.14	1997	44.33
1997-98	1.44	7.10	2.22	1.89	7.63	3.44	6.79	5.24	6.62	5.10	6.23	10.33	64.02	1998	62.07
1998-99	4.62	4.81	2.42	5.10	3.14	1.67	8.11	4.83	5.81	1.59	4.10	0.38	46.58	1999	53.18
1999-00	2.35	3.82	10.93	5.88	2.49	2.89	4.52	3.58	5.46	6.07	4.26	5.40	57.65	2000	51.33
2000-01	3.05	3.55	3.95	1.85	4.09	5.55	2.94	2.81	10.42	1.94	4.55	8.09	52.79	2001	47.86
2001-02	2.82	6.55	2.92	1.06	0.94	2.82	3.18	2.08	4.61	3.24	5.32	5.48	41.02	2002	51.11
2002-03	1.42	2.54	6.17	4.44	6.58	6.05	2.99	4.58	5.66	4.71	3.98	7.08	56.20	2003	60.30
2003-04	4.07	4.97	5.70	7.51	2.16	6.89	2.32	2.04	2.51	10.05	2.98	1.55	52.75	2004	56.67
2004-05	3.39	6.88	8.06	2.47	5.25	5.88	5.97	3.16	5.68	5.99	4.69	1.71	59.13	2005	62.42
2005-06	2.76	2.98	2.97	17.33	4.76	4.42	5.99	3.61	0.83	3.03	8.54	14.15	71.37	2006	63.59
2006-07	2.85	4.66	3.16	6.75	7.74	2.28	3.29	2.65	7.11	8.33	3.01	3.44	55.27	2007	49.43
2007-08	4.63	1.95	2.42	3.08	3.19	6.33	3.47	7.83	6.07	4.19	2.24	2.35	47.75	2008	
92 YEAR AVERAGE															
	3.69	**4.44**	**4.17**	**4.09**	**4.83**	**4.46**	**4.31**	**3.82**	**4.72**	**4.43**	**3.77**	**3.83**	**50.57**		**50.67**
92 YEAR MAXIMUM															
	11.49	**12.75**	**11.75**	**17.33**	**10.48**	**10.93**	**14.42**	**7.83**	**10.42**	**12.09**	**9.36**	**14.15**	**71.37**		**75.24**
92 YEAR MINIMUM															
	0.75	**0.67**	**0.20**	**0.21**	**0.48**	**0.72**	**0.74**	**0.69**	**0.83**	**0.89**	**0.91**	**0.10**	**33.43**		**33.21**

MONTHLY RAINFALL

REPORTING YEAR vs HISTORICAL



	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
REPORTING YR	4.63	1.95	2.42	3.08	3.19	6.33	3.47	7.83	6.07	4.19	2.24	2.35
HISTORICAL AVG	3.69	4.44	4.17	4.09	4.83	4.46	4.31	3.82	4.72	4.43	3.77	3.83

TABLE 3

MONTHLY AND YEARLY RUNOFF IN INCHES ON THE SCITUATE WATERSHED

YEAR ENDING JUNE 30, 2008

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	CALENDAR YEAR	TOTAL
1916-17	2.74	1.09	0.42	0.51	0.58	0.97	1.91	1.30	4.29	3.05	2.79	2.18	21.83	1917	22.41
1917-18	0.79	0.71	0.63	1.79	1.59	1.38	1.83	4.04	3.17	3.40	2.24	1.24	22.81	1918	23.75
1918-19	0.47	0.82	1.81	1.02	1.34	2.37	3.81	2.27	5.01	4.43	3.86	1.27	28.48	1919	32.65
1919-20	1.35	0.91	3.33	1.45	2.25	2.71	1.19	1.69	9.60	5.10	3.73	4.15	37.46	1920	33.29
1920-21	1.38	0.79	0.34	0.37	1.73	3.22	2.79	1.69	4.19	3.68	2.85	0.95	23.98	1921	24.52
1921-22	2.56	0.93	0.31	0.24	1.65	2.68	1.13	1.80	4.81	3.92	3.50	2.39	25.92	1922	33.32
1922-23	3.50	3.59	4.39	1.66	1.26	1.37	4.16	2.46	6.10	4.06	2.68	1.15	36.38	1923	29.75
1923-24	0.64	0.40	0.25	1.27	2.01	4.57	4.52	1.88	3.43	5.70	3.38	1.05	29.10	1924	23.31
1924-25	0.20	0.56	0.68	0.49	0.45	0.97	0.91	3.65	3.41	2.46	1.46	0.52	15.76	1925	19.04
1925-26	0.58	0.39	0.32	0.61	1.48	3.25	2.23	3.11	4.38	3.00	1.70	0.62	21.67	1926	21.03
1926-27	0.40	0.42	0.17	0.76	2.15	2.09	3.34	2.64	3.05	1.71	2.03	1.44	20.20	1927	30.14
1927-28	0.32	1.59	0.64	1.95	6.73	4.70	2.62	3.76	2.86	3.18	2.05	1.15	31.55	1928	23.03
1928-29	1.08	1.17	0.80	1.21	1.16	1.99	4.02	3.65	5.56	6.09	3.56	0.48	30.77	1929	25.18
1929-30	0.06	0.07	-0.09	0.07	0.53	1.18	1.96	2.38	2.74	1.84	0.88	0.42	12.04	1930	11.82
1930-31	0.09	0.04	-0.11	0.12	0.63	0.83	1.56	2.11	5.95	3.21	3.10	2.97	20.50	1931	21.67
1931-32	0.69	0.85	0.10	0.07	0.15	0.91	3.35	2.16	4.10	3.08	1.35	0.39	17.20	1932	30.15
1932-33	0.07	0.35	3.27	3.48	6.29	2.26	2.24	2.70	6.28	6.88	1.93	1.57	37.32	1933	27.13
1933-34	0.17	0.25	1.52	0.95	0.82	1.82	3.78	1.18	5.48	6.08	2.88	1.47	26.40	1934	28.94
1934-35	0.08	0.14	1.40	1.33	1.91	3.21	4.78	2.83	4.22	4.05	1.71	1.78	27.44	1935	21.82
1935-36	0.62	-0.14	0.26	-0.13	1.09	0.75	3.94	1.93	11.51	4.45	1.59	0.44	26.31	1936	31.64
1936-37	0.03	-0.02	0.82	0.46	0.43	6.06	4.59	2.77	3.34	3.79	2.52	0.75	25.54	1937	27.16
1937-38	0.02	0.60	0.57	0.79	4.17	3.25	4.15	2.99	2.99	2.29	1.84	2.85	26.51	1938	33.76
1938-39	6.93	1.32	1.66	1.22	1.90	3.62	2.11	4.12	5.24	4.90	1.08	0.31	34.41	1939	21.35
1939-40	-0.24	0.22	0.09	0.63	1.35	1.54	2.03	1.51	4.86	6.89	3.17	1.65	23.70	1940	23.98
1940-41	0.84	-0.14	-0.04	-0.07	1.63	1.65	1.53	2.88	2.42	1.65	1.16	1.33	14.84	1941	12.43
1941-42	0.54	0.10	-0.41	-0.15	0.52	0.86	1.87	2.54	7.14	1.75	1.06	0.59	16.41	1942	22.77
1942-43	0.86	0.26	-0.17	0.45	1.86	4.56	2.45	3.46	4.40	2.68	3.01	0.36	24.18	1943	17.97
1943-44	0.02	-0.16	-0.22	0.60	0.95	0.42	0.73	1.23	3.24	3.53	1.08	0.43	11.85	1944	18.61
1944-45	-0.26	-0.31	1.73	0.50	3.16	3.55	2.91	2.58	5.61	2.15	3.10	1.26	25.98	1945	24.02
1945-46	0.15	-0.12	-0.15	0.06	1.88	4.59	3.93	2.98	3.70	1.43	2.50	1.65	22.60	1946	21.08
1946-47	0.00	2.35	0.56	0.49	0.30	1.19	2.16	1.52	4.01	3.31	2.86	1.09	19.84	1947	20.47
1947-48	0.53	0.12	0.31	0.23	2.94	1.39	1.55	3.15	7.16	3.76	5.25	3.12	29.51	1948	29.08
1948-49	0.56	0.15	-0.21	0.35	2.24	2.00	3.57	3.22	2.92	3.20	1.78	-0.02	19.76	1949	16.40
1949-50	-0.26	0.02	0.09	0.05	0.57	1.26	2.03	2.42	4.16	3.01	2.20	1.00	16.55	1950	19.39
1950-51	-0.11	0.22	-0.02	0.04	1.85	2.59	3.24	4.95	4.36	4.30	2.70	1.21	25.33	1951	30.16
1951-52	0.14	0.07	-0.07	0.34	4.62	4.30	4.24	3.30	5.02	2.97	2.46	0.98	28.37	1952	20.27
1952-53	-0.35	0.53	-0.20	-0.20	0.37	1.15	4.61	4.35	7.24	6.36	3.20	0.20	27.26	1953	32.41
1953-54	0.07	-0.05	-0.13	0.38	1.86	4.32	2.12	2.66	3.56	4.01	3.71	0.33	22.84	1954	32.15
1954-55	-0.01	0.93	3.96	1.33	3.65	5.90	2.46	3.61	4.26	2.76	1.62	0.89	31.36	1955	35.13
1955-56	0.02	4.04	1.19	7.22	5.56	1.50	3.27	4.09	4.57	6.57	1.98	0.96	40.97	1956	25.87
1956-57	0.37	-0.22	0.05	0.23	1.10	2.90	2.41	2.10	2.87	4.54	0.58	-0.18	16.75	1957	14.29
1957-58	-0.41	-0.38	-0.22	0.06	0.52	2.40	6.59	2.69	6.03	6.89	3.88	0.83	28.88	1958	35.66
1958-59	0.85	0.86	1.31	2.05	1.85	1.83	1.65	2.58	5.86	4.52	1.45	1.23	26.04	1959	26.97
1959-60	2.09	0.07	-0.23	1.17	2.18	4.40	3.29	5.09	3.15	4.01	2.19	0.35	27.76	1960	25.51
1960-61	0.38	0.00	1.54	0.98	2.11	2.42	2.21	3.68	4.97	4.75	3.63	1.30	27.97	1961	27.93
1961-62	0.25	0.20	2.30	1.28	1.53	1.83	4.32	1.66	5.24	3.61	1.53	0.98	24.73	1962	24.34
1962-63	-0.09	0.04	0.07	1.89	2.97	2.12	1.81	1.88	4.47	1.69	1.88	0.54	19.27	1963	15.25
1963-64	0.10	-0.25	-0.02	-0.11	1.59	1.67	4.68	2.82	3.47	4.61	0.87	0.01	19.44	1964	19.30

TABLE 3 (cont'd)

MONTHLY AND YEARLY RUNOFF IN INCHES ON THE SCITUATE WATERSHED

YEAR ENDING JUNE 30, 2008

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	CALENDAR YEAR	TOTAL
1964-65	0.03	-0.14	-0.11	0.11	0.47	2.48	1.68	3.43	3.02	1.89	1.04	0.44	14.34	1965	11.89
1965-66	-0.10	-0.14	-0.06	0.04	0.21	0.44	0.70	2.26	3.11	1.10	1.68	0.73	9.97	1966	13.88
1966-67	0.11	0.09	0.36	0.50	1.87	1.37	2.25	1.60	4.52	4.92	4.94	1.61	24.14	1967	30.51
1967-68	1.67	1.58	0.61	0.80	1.50	4.51	2.91	2.76	7.53	2.00	1.78	2.26	29.91	1968	24.79
1968-69	0.27	0.03	0.11	0.00	1.61	3.53	1.72	1.40	5.38	5.72	2.74	0.70	23.21	1969	25.97
1979-70	0.41	0.22	0.23	0.21	2.14	5.10	1.85	5.49	3.15	3.81	1.81	1.23	25.65	1970	20.56
1970-71	-0.07	0.10	0.04	0.22	1.43	1.50	1.37	3.61	4.90	2.79	2.79	0.73	19.41	1971	19.20
1971-72	-0.04	-0.26	0.10	0.35	1.05	1.81	2.45	2.86	9.14	3.05	4.18	3.71	28.40	1972	43.96
1972-73	2.12	0.66	1.05	1.87	6.75	6.12	4.08	4.23	3.07	4.91	3.00	1.35	39.21	1973	31.76
1973-74	0.93	0.86	0.71	0.77	1.25	6.60	4.85	3.62	4.44	4.14	2.16	0.72	31.05	1974	26.11
1974-75	-0.12	-0.04	0.70	1.03	1.01	3.60	4.77	3.03	3.61	3.01	1.23	0.91	22.74	1975	28.74
1975-76	0.04	-0.04	0.84	2.35	4.44	4.55	6.77	4.39	3.16	1.87	1.62	0.25	30.24	1976	23.42
1976-77	0.33	1.29	0.34	1.38	0.62	1.40	1.71	2.11	7.53	3.69	2.23	0.72	23.35	1977	31.55
1977-78	-0.02	0.03	0.91	3.68	3.56	5.40	6.96	2.23	6.18	3.39	3.44	0.53	36.29	1978	26.50
1978-79	0.07	0.89	-0.05	0.31	0.52	2.03	10.75	3.09	4.40	3.36	3.63	0.88	29.88	1979	32.83
1979-80	0.01	0.83	0.47	1.25	2.70	1.46	1.25	0.50	6.49	4.80	1.88	0.57	22.21	1980	17.64
1980-81	0.46	-0.03	-0.28	0.39	0.92	0.69	0.34	4.38	1.72	2.44	1.65	0.40	13.08	1981	18.00
1981-82	0.14	-0.19	0.17	0.95	1.66	4.34	5.21	4.15	3.29	3.63	1.44	6.36	31.15	1982	30.55
1982-83	0.71	0.51	0.61	0.77	2.04	1.83	3.07	4.35	9.38	10.33	3.50	1.43	38.53	1983	41.08
1983-84	-0.09	-0.12	-0.13	0.42	3.29	5.65	2.25	5.45	5.50	7.35	3.79	3.09	36.45	1984	27.96
1984-85	0.26	-0.74	-0.69	0.02	0.53	1.15	0.36	1.32	2.19	1.34	1.81	1.19	8.73	1985	15.89
1985-86	0.68	0.62	0.52	0.44	3.54	1.89	2.97	2.64	3.70	1.56	1.12	1.18	20.86	1986	27.23
1986-87	1.00	2.01	-0.07	0.77	3.50	6.85	3.26	1.27	5.01	7.58	2.51	0.21	33.92	1987	24.19
1987-88	0.05	0.16	0.61	1.03	1.10	1.39	1.39	5.50	3.45	2.73	2.67	0.44	20.51	1988	21.53
1988-89	0.59	0.44	-0.34	0.23	2.84	1.60	1.47	1.82	2.82	3.88	4.01	2.49	21.84	1989	29.99
1989-90	1.09	1.76	0.98	3.69	4.44	1.53	3.54	3.32	2.47	4.38	4.22	1.20	32.63	1990	32.32
1990-91	0.45	3.07	0.23	3.50	1.97	3.97	3.03	2.21	4.87	3.33	1.90	0.05	28.58	1991	25.92
1991-92	-0.08	1.83	1.16	1.39	3.56	2.67	3.36	1.83	3.15	2.13	1.07	1.49	23.56	1992	24.55
1992-93	0.38	1.38	0.67	0.50	2.87	5.72	2.85	2.49	4.36	4.01	0.94	0.12	26.29	1993	19.94
1993-94	-0.12	0.38	-0.20	0.20	0.97	3.94	2.07	4.17	7.17	2.47	1.43	0.33	22.79	1994	22.67
1994-95	-0.08	0.44	0.39	0.01	1.25	3.04	3.15	2.35	3.14	2.18	4.90	1.67	22.44	1995	21.49
1995-96	-0.11	-0.20	0.00	1.02	2.17	1.22	5.59	4.25	2.98	4.59	2.04	0.57	24.12	1996	34.83
1996-97	1.01	0.17	1.00	3.56	2.36	6.71	3.09	2.24	3.08	4.95	2.40	0.26	30.83	1997	20.30
1997-98	-0.20	0.57	0.10	0.03	2.11	1.67	5.25	4.95	5.86	3.78	4.23	5.28	33.63	1998	33.90
1998-99	0.81	0.64	0.44	0.72	1.03	0.91	5.78	2.69	4.66	1.54	1.83	-0.08	20.97	1999	24.32
1999-00	-0.11	0.12	2.18	1.71	1.83	2.17	2.36	3.22	3.95	3.87	2.64	1.97	25.91	2000	22.82
2000-01	0.47	0.43	0.28	0.14	0.98	2.53	1.44	2.38	7.39	2.27	1.47	3.09	22.87	2001	19.64
2001-02	0.23	0.72	0.14	-0.25	0.27	0.48	1.15	1.41	2.71	2.03	3.05	1.62	13.56	2002	19.10
2002-03	0.05	-0.02	0.51	0.55	2.06	3.97	2.87	2.14	5.96	4.26	2.32	2.76	27.44	2003	31.80
2003-04	0.58	1.53	0.72	2.58	1.97	4.12	1.00	1.44	2.79	3.80	1.52	0.39	22.43	2004	24.18
2004-05	0.36	0.83	1.25	0.87	2.25	3.96	4.55	1.92	3.58	4.32	2.00	0.46	26.35	2005	30.07
2005-06	0.26	0.11	0.09	6.25	3.28	3.25	3.79	2.84	1.30	1.55	3.61	4.50	30.83	2006	27.74
2006-07	0.80	0.34	0.48	1.58	5.16	1.79	2.62	0.93	3.19	5.63	2.12	1.25	25.89	2007	18.09
2007-08	0.13	-0.02	0.01	0.20	0.41	1.62	2.94	6.28	3.69	2.28	1.35	0.51	19.39	2008	
							92 YEAR AVERAGE								
	0.50	**0.52**	**0.56**	**0.97**	**1.99**	**2.73**	**2.99**	**2.85**	**4.56**	**3.74**	**2.40**	**1.25**	**25.08**		**25.22**
							92 YEAR MAXIMUM								
	6.93	**4.04**	**4.39**	**7.22**	**6.75**	**6.85**	**10.75**	**6.28**	**11.51**	**10.33**	**5.25**	**6.36**	**40.97**		**43.96**
							92 YEAR MINIMUM								
	-0.41	**-0.74**	**-0.69**	**-0.25**	**0.15**	**0.42**	**0.34**	**0.50**	**1.30**	**1.10**	**0.58**	**-0.18**	**8.73**		**11.82**

TABLE 4

MONTHLY AND YEARLY PERCENT OF RAINFALL COLLECTED ON THE SCITUATE WATERSHED

YEAR ENDING JUNE 30, 2008

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	CALENDAR YEAR	TOTAL
1916-17	37.1	82.0	33.9	19.5	24.8	29.4	48.2	59.6	87.4	113.0	67.2	48.0	53.7	1917	51.9
1917-18	52.3	11.6	23.7	26.7	331.2	42.7	51.4	108.3	147.4	74.6	71.8	27.6	53.9	1918	50.4
1918-19	9.2	19.8	20.6	95.3	51.5	63.2	77.9	66.4	82.8	102.8	64.4	34.8	52.9	1919	57.9
1919-20	24.7	13.7	54.8	63.3	44.6	105.0	39.3	27.7	195.9	81.2	94.4	52.3	62.1	1920	59.6
1920-21	31.1	20.5	11.2	27.6	29.6	63.3	80.6	55.2	112.6	67.5	76.4	22.1	50.7	1921	51.3
1921-22	37.6	31.3	12.2	19.0	20.6	105.5	59.2	67.4	75.2	198.0	67.0	37.7	53.3	1922	60.8
1922-23	41.9	39.5	82.0	56.8	89.4	44.0	61.4	135.2	163.5	68.6	181.1	23.3	66.3	1923	61.5
1923-24	23.0	17.0	11.6	22.4	35.4	89.6	100.7	64.4	122.5	93.1	92.3	70.5	64.4	1924	59.5
1924-25	11.6	9.6	12.9	233.3	20.2	40.8	20.6	164.4	71.6	86.3	53.7	22.0	42.6	1925	42.8
1925-26	9.4	22.9	10.8	14.1	30.6	62.7	68.4	51.0	117.4	122.0	74.9	35.6	48.5	1926	48.5
1926-27	10.5	10.6	9.0	15.1	38.7	58.9	112.1	79.8	191.8	66.8	59.5	42.8	49.3	1927	57.5
1927-28	8.0	18.6	24.5	37.2	73.0	83.5	98.3	87.0	105.9	58.6	141.4	29.4	56.6	1928	50.5
1928-29	21.3	21.3	16.7	30.3	46.4	62.0	77.3	74.6	141.8	80.6	102.6	21.1	58.8	1929	57.3
1929-30	2.9	2.4	-6.7	2.3	17.3	28.4	68.5	82.6	84.8	90.6	32.1	13.8	36.0	1930	33.2
1930-31	2.7	1.3	-8.1	3.6	13.5	26.8	43.9	82.1	93.4	95.5	74.0	47.1	45.4	1931	48.8
1931-32	18.4	14.3	5.1	3.2	14.6	28.8	54.4	90.8	66.6	156.3	52.5	14.2	42.9	1932	51.5
1932-33	2.7	5.4	27.8	52.5	88.2	108.1	110.9	70.9	95.9	111.3	51.3	38.9	59.3	1933	56.4
1933-34	8.5	6.9	20.1	27.9	55.4	48.9	97.7	26.0	136.0	116.0	72.4	30.7	54.8	1934	56.6
1934-35	3.6	3.6	19.0	40.9	43.0	90.4	66.0	91.6	218.6	85.1	75.3	34.8	55.9	1935	52.8
1935-36	15.1	-9.8	7.2	-12.5	18.6	85.2	44.7	46.4	123.6	117.1	80.3	14.8	54.9	1936	54.8
1936-37	1.1	-0.6	10.6	23.0	34.4	61.6	91.4	113.1	81.7	69.9	82.6	22.0	50.9	1937	53.7
1937-38	1.3	9.3	13.6	20.2	51.5	112.5	78.4	102.7	110.7	88.1	44.1	33.1	49.6	1938	58.4
1938-39	60.3	42.6	24.6	46.2	48.6	99.4	68.5	81.4	89.4	108.2	114.9	10.5	63.8	1939	48.3
1939-40	-20.0	3.4	2.6	10.9	96.4	45.3	72.0	25.3	120.3	114.8	55.0	67.3	48.6	1940	50.8
1940-41	19.0	-7.0	-1.5	-3.5	23.9	72.4	49.0	87.4	81.5	121.3	36.7	27.0	38.0	1941	32.8
1941-42	9.2	2.5	-205.0	-8.6	15.5	22.8	37.8	77.0	85.5	196.6	37.8	15.2	38.0	1942	43.8
1942-43	16.0	6.0	-8.8	10.6	33.7	71.4	68.8	177.4	119.6	68.7	77.8	18.1	51.7	1943	48.8
1943-44	0.6	-7.4	-16.9	9.4	27.7	34.4	40.8	49.2	64.2	85.9	80.0	11.5	32.5	1944	38.1
1944-45	-14.9	-15.4	15.7	18.4	37.4	82.0	84.3	44.6	263.4	64.0	63.4	24.4	47.2	1945	46.0
1945-46	5.5	-3.9	-5.3	2.7	20.8	60.6	102.9	78.2	260.6	60.3	50.8	49.8	48.0	1946	49.0
1946-47	0.0	20.5	15.2	102.1	22.7	30.5	72.5	58.5	104.2	61.3	84.9	26.6	43.5	1947	42.9
1947-48	10.9	4.1	7.7	7.0	45.8	35.5	21.7	122.6	168.1	94.7	56.1	74.3	51.9	1948	52.2
1948-49	15.0	4.8	-13.2	7.2	30.1	58.0	81.5	89.0	118.2	68.8	44.2	-20.0	45.5	1949	42.5
1949-50	-21.0	0.3	2.6	2.2	16.4	45.2	55.2	52.4	104.3	81.8	62.7	34.1	39.7	1950	43.0
1950-51	-6.8	4.4	-1.0	1.8	25.6	56.7	65.4	110.5	73.8	108.3	51.9	44.6	50.7	1951	54.5
1951-52	4.2	2.3	-2.9	8.2	47.9	77.8	86.9	68.6	121.5	67.3	61.7	31.0	53.0	1952	44.8
1952-53	-29.2	7.2	-9.0	-10.3	12.2	27.4	62.5	93.8	77.6	84.4	98.8	12.0	50.8	1953	53.0
1953-54	1.6	-1.7	-4.7	6.8	29.9	77.7	72.5	84.2	81.6	74.7	75.6	21.3	46.1	1954	56.0
1954-55	-0.4	10.2	51.9	42.5	64.6	85.4	246.0	72.8	102.2	66.3	91.0	19.6	56.2	1955	60.8
1955-56	0.8	32.7	26.3	62.9	122.7	208.3	60.7	93.2	57.8	171.1	81.8	45.7	64.8	1956	52.7
1956-57	8.9	-14.1	1.2	7.8	22.4	53.1	83.1	85.4	83.5	90.6	37.4	-25.0	43.0	1957	39.6
1957-58	-42.7	-24.1	-13.9	2.0	9.5	32.1	77.9	59.8	110.4	91.3	101.0	30.9	54.8	1958	60.6
1958-59	12.1	18.8	21.4	53.5	61.1	102.8	64.5	62.6	82.2	102.5	126.1	22.2	50.8	1959	50.1
1959-60	31.0	3.1	-40.4	14.0	40.7	78.6	91.6	90.1	96.3	131.0	48.8	30.4	55.4	1960	53.8
1960-61	7.8	-0.1	19.0	27.4	73.8	56.8	68.2	105.7	116.4	80.2	64.2	57.8	54.8	1961	55.3
1961-62	8.3	5.0	24.4	49.2	48.1	52.7	94.9	27.0	142.8	167.1	74.6	20.9	50.5	1962	51.2
1962-63	-6.8	1.2	2.0	21.1	70.7	71.1	56.0	55.1	120.5	83.3	61.4	16.1	44.7	1963	37.5
1963-64	2.8	-15.2	-0.5	-6.8	20.3	60.3	74.1	52.6	131.9	81.6	75.7	0.5	43.3	1964	42.3

TABLE 4 (cont'd)

MONTHLY AND YEARLY PERCENT OF RAINFALL COLLECTED ON THE SCITUATE WATERSHED

YEAR ENDING JUNE 30, 2008

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	CALENDAR YEAR	TOTAL
1964-65	0.8	-6.5	-3.1	3.9	12.3	39.5	40.7	76.1	141.8	74.4	51.2	16.2	35.4	1965	35.8
1965-66	-3.8	-5.4	-3.1	1.1	8.5	22.6	11.8	44.4	195.6	56.4	47.1	30.4	27.9	1966	30.5
1966-67	3.0	2.9	6.8	1.4	34.6	36.3	107.1	40.0	73.5	102.3	59.3	51.6	45.2	1967	53.1
1967-68	2.5	3.5	1.6	35.7	43.5	54.9	68.0	130.2	93.3	121.2	44.4	36.4	54.1	1968	49.3
1968-69	21.3	1.1	3.8	0.0	23.0	46.7	99.4	20.3	147.4	98.3	64.9	51.1	48.7	1969	47.6
1979-70	8.2	8.6	5.7	10.7	33.7	46.7	250.0	84.3	64.2	92.3	52.3	36.3	47.5	1970	44.4
1970-71	-9.3	1.9	1.9	5.9	24.8	26.9	60.9	67.5	149.8	82.8	63.1	29.8	43.9	1971	44.9
1971-72	-1.2	-11.5	3.0	7.9	20.4	58.6	97.6	44.1	109.5	82.2	54.1	56.5	49.8	1972	58.4
1972-73	32.7	24.7	17.5	36.0	64.4	67.5	139.2	114.9	95.9	65.2	67.3	23.4	58.1	1973	56.0
1973-74	29.7	18.7	14.1	18.4	55.6	66.3	100.4	106.8	76.2	110.7	64.1	25.9	58.5	1974	53.5
1974-75	-9.3	-1.0	9.4	28.0	51.0	55.2	82.8	88.3	94.0	89.6	56.9	24.1	48.2	1975	50.7
1975-76	1.3	-1.0	11.1	34.5	64.4	76.3	89.0	128.0	89.5	77.0	50.5	7.8	52.3	1976	46.8
1976-77	5.0	18.7	10.7	24.0	129.2	37.1	38.1	68.3	110.6	92.5	68.8	18.1	44.7	1977	52.0
1977-78	-0.6	0.8	12.2	43.2	55.1	99.8	70.8	90.6	175.1	133.5	55.2	41.4	58.8	1978	53.3
1978-79	2.3	11.7	-3.3	8.7	21.1	42.1	74.5	75.4	158.3	59.3	44.6	40.6	49.6	1979	52.7
1979-80	0.6	10.1	10.3	32.1	55.7	78.1	79.1	43.5	67.3	77.7	104.4	14.8	45.1	1980	41.2
1980-81	8.8	-1.2	-25.9	8.4	22.8	63.3	43.6	57.2	191.1	54.5	50.2	14.8	34.1	1981	39.6
1981-82	4.4	-11.9	3.6	17.5	45.0	61.0	69.3	204.4	83.3	79.8	65.5	49.4	53.0	1982	55.1
1982-83	18.0	9.4	30.3	21.2	39.2	81.0	62.1	78.1	92.7	85.4	79.9	35.5	60.7	1983	57.6
1983-84	-4.7	-3.5	-7.7	7.2	33.2	76.6	97.3	78.2	77.7	125.8	63.6	44.3	55.9	1984	51.8
1984-85	5.4	-109.7	-29.4	0.4	16.1	40.0	27.8	51.1	75.6	68.1	40.5	20.3	23.1	1985	36.5
1985-86	18.4	10.5	17.1	22.6	41.3	131.2	59.9	78.6	97.7	76.0	39.3	27.0	45.4	1986	50.3
1986-87	17.0	29.8	-5.8	25.5	46.9	80.2	54.1	183.9	134.8	70.9	102.2	11.2	58.2	1987	49.8
1987-88	1.6	3.9	10.3	23.3	44.4	43.6	43.7	110.0	81.8	74.3	70.7	40.2	46.6	1988	46.9
1988-89	9.6	23.7	-12.7	6.8	30.5	96.8	79.7	56.0	71.2	74.0	83.9	40.8	43.5	1989	50.9
1989-90	19.3	23.1	20.5	46.7	68.1	121.6	63.4	91.4	104.2	80.4	57.2	60.9	54.2	1990	53.8
1990-91	10.7	32.8	10.6	39.4	70.3	63.5	87.7	99.9	73.5	87.3	48.8	4.4	52.1	1991	48.5
1991-92	-2.6	17.6	17.8	43.4	56.3	92.2	69.3	76.5	62.1	78.7	86.6	24.4	43.1	1992	44.0
1992-93	9.6	19.4	14.2	18.2	45.2	67.1	97.5	57.5	52.4	76.3	103.5	5.5	45.9	1993	39.8
1993-94	-4.3	10.1	-4.2	5.7	25.0	52.2	35.2	126.2	95.0	95.4	44.5	12.5	44.3	1994	44.8
1994-95	-3.8	6.6	7.5	2.6	22.4	55.6	83.9	80.7	90.9	70.7	122.8	54.0	49.1	1995	49.6
1995-96	-6.0	-8.1	0.0	13.7	39.8	53.6	78.3	113.0	77.2	66.0	62.0	25.4	47.9	1996	56.4
1996-97	16.0	6.8	14.9	46.3	71.8	83.0	79.8	126.0	74.6	78.0	85.7	15.4	55.9	1997	45.8
1997-98	-14.1	8.0	4.6	1.4	27.6	48.7	77.4	94.4	88.5	74.1	67.9	51.2	52.5	1998	54.6
1998-99	17.6	13.2	18.4	14.2	32.7	54.7	71.3	55.6	80.2	97.1	44.5	-21.3	45.0	1999	45.7
1999-00	-4.5	3.3	19.9	29.1	73.5	75.1	52.1	89.8	72.4	63.7	61.9	36.5	44.9	2000	44.5
2000-01	15.5	12.1	7.0	7.6	23.9	45.6	48.9	84.7	70.9	117.2	32.3	38.2	43.3	2001	41.0
2001-02	8.2	11.0	4.7	-23.8	29.2	17.2	36.2	67.9	58.7	62.6	57.4	29.6	33.1	2002	37.4
2002-03	3.4	-0.7	8.2	12.5	31.3	65.6	96.0	46.7	105.3	90.5	58.3	39.0	48.8	2003	52.7
2003-04	14.2	30.7	12.7	34.3	91.3	59.7	43.3	70.5	111.2	37.8	51.0	25.1	42.5	2004	42.7
2004-05	10.7	12.1	15.5	35.1	42.8	67.4	76.2	60.6	63.1	72.0	42.7	27.1	44.6	2005	48.2
2005-06	9.4	3.7	3.0	36.1	68.9	73.6	63.3	78.5	156.1	51.2	42.2	31.8	43.2	2006	43.6
2006-07	28.1	7.3	15.1	23.4	66.6	78.3	79.5	35.0	44.9	67.6	70.4	36.5	46.8	2007	36.6
2007-08	2.8	-1.0	0.4	6.5	12.9	25.6	84.7	80.2	60.8	54.4	60.3	21.7	40.6	2008	
							92 YEAR AVERAGE								
	13.6	11.8	13.5	23.8	41.2	61.1	69.4	74.7	96.6	84.5	63.8	32.7	49.6		49.1
							92 YEAR MAXIMUM								
	60.3	82.0	82.0	233.3	331.2	208.3	250.0	204.4	263.4	198.0	181.1	74.3	66.3		61.5
							92 YEAR MINIMUM								
	-42.7	-109.7	-205.0	-23.8	8.5	17.2	11.8	20.3	44.9	37.8	32.1	-25.0	23.1		30.5

TABLE 5

STORAGE STATISTICS OF THE SCITUATE RESERVOIR SYSTEM
(92.8 SQUARE MILES)

YEAR ENDING JUNE 30, 2008

MONTH	(1) REGULATING		(2) WESTCONNAUG		(3) BARDEN		(4) MOSWANSICUT		(5) PONAGANSET		(1-5) SUBTOTAL		(6) SCITUATE			(1-6) TOTAL	
	ELEV. (MHW)	STORAGE (MG)	ELEV. (MHW)	STORAGE (MG)	ELEV. (MHW)	STORAGE (MG)	ELEV. (MHW)	STORAGE (MG)	ELEV. (MHW)	STORAGE (MG)	STORAGE (MG)	AVAIL. (%)	ELEV. (MHW)	STORAGE (MG)	AVAIL. (%)	STORAGE (MG)	AVAIL. (%)
JUL	285.58	427	454.05	446	345.15	857	302.04	729	633.62	737	3,196	101.95	283.89	36482	99.65	39,678	99.83
AUG	285.57	427	453.76	430	345.28	867	299.47	482	633.20	704	2,910	92.82	281.39	33807	92.34	36,717	92.38
SEP	285.50	421	452.80	377	344.90	837	298.90	430	632.82	676	2,741	87.43	278.50	30800	84.13	33,541	84.39
OCT	285.50	421	452.45	360	344.82	831	298.77	418	632.76	672	2,702	86.19	276.61	27902	76.21	30,604	77.00
NOV	285.55	425	452.45	360	345.10	853	298.87	427	632.77	672	2,737	87.30	273.14	25638	70.03	28,375	71.39
DEC	285.55	425	452.65	369	345.15	857	299.10	448	633.02	691	2,790	89.00	271.41	24034	65.65	26,824	67.49
JAN	285.58	427	454.30	460	345.61	894	299.97	528	633.78	749	3,058	97.54	271.56	24160	65.99	27,218	68.48
FEB	285.65	433	454.45	469	345.40	877	301.42	667	633.89	758	3,204	102.20	274.12	26458	72.27	29,662	74.63
MAR	285.70	437	454.77	487	345.55	889	302.32	758	633.97	764	3,335	106.38	281.88	34332	93.78	37,667	94.77
APR	285.69	436	454.60	477	345.48	883	301.21	647	633.69	742	3,185	101.59	285.27	38017	103.84	41,202	103.66
MAY	285.75	441	454.65	480	345.73	903	302.32	758	633.67	741	3,323	106.00	285.47	38237	104.44	41,560	104.56
JUN	285.62	431	452.70	372	345.23	863	302.12	737	633.50	727	3,130	99.84	284.69	37373	102.08	40,503	101.90
JUL	285.57	427	452.67	370	345.15	857	302.06	731	633.23	707	3,092	98.63	282.56	35059	95.76	38,151	95.99

RESERVOIRS	SPILLWAY ELEVATIONS (MHW)	TOTAL STORAGE (MG)	DEAD STORAGE (MG)	AVAILABLE STORAGE (MG)
SCITUATE	284.00	37,011	400	36,611
REGULATING	285.50	428	7	421
WESTCONNAUG	454.17	453	0	453
BARDEN	345.10	853	0	853
MOSWANSICUT	301.90	1,781	1,066	715
PONAGANSET	633.05	742	49	693
	TOTALS	**41,268**	**1,522**	**39,746**

NOTES:

1. Elevations are shown in feet above Mean High Water (MHW) in Providence Harbor
2. Storage figures in upper table do not include "DEAD STORAGE"
3. Statistics are shown for the first day (7 AM) of the month indicated
4. Reservoirs 1- 5 are tributaries to the Scituate Reservoir

TABLE 6

SCITUATE RESERVOIR ELEVATIONS

YEAR ENDING JUNE 30, 2008

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1928-29	284.43	283.63	283.08	282.87	282.65	282.11	282.34	284.00	284.32	284.28	284.53	284.10
1929-30	282.77	280.87	278.95	276.88	274.83	273.09	272.60	273.57	275.38	277.54	278.29	277.51
1930-31	276.23	274.28	272.18	269.80	267.58	266.14	264.86	265.82	267.39	275.51	278.84	281.37
1931-32	283.32	281.56	280.11	278.25	276.34	274.45	273.35	276.56	277.96	281.85	283.83	283.17
1932-33	281.06	278.86	277.16	279.75	282.50	284.60	283.61	282.80	282.86	284.23	284.16	283.09
1933-34	282.68	280.42	278.39	278.26	277.64	276.86	277.58	280.96	280.38	285.04	284.14	284.09
1934-35	283.14	280.72	278.62	278.55	278.20	278.73	281.17	283.23	281.23	281.20	284.37	283.14
1935-36	283.50	281.93	279.32	277.32	275.01	274.30	273.13	277.33	278.48	285.48	283.95	282.22
1936-37	280.91	279.07	277.06	275.97	274.43	273.12	280.27	280.85	279.18	281.83	284.30	285.19
1937-38	284.06	282.09	281.43	279.80	278.13	280.96	279.49	279.19	279.73	280.86	282.48	283.04
1938-39	284.87	285.14	280.58	281.12	279.83	278.23	280.01	279.17	281.31	282.72	283.74	282.57
1939-40	280.86	278.48	276.67	274.62	272.85	273.10	273.18	274.28	274.70	280.08	284.55	285.11
1940-41	283.53	282.87	280.63	278.35	275.88	276.19	276.21	276.22	278.63	279.70	280.39	280.01
1941-42	280.07	278.99	277.15	274.75	272.38	270.88	270.02	270.95	273.39	282.29	281.65	281.25
1942-43	280.34	279.81	278.31	276.16	274.55	275.40	280.05	279.69	280.00	280.98	281.53	283.91
1943-44	282.46	280.43	278.21	275.93	274.41	273.57	271.84	270.65	270.52	273.95	277.75	277.50
1944-45	276.20	273.86	271.20	271.68	270.27	273.47	277.37	279.19	279.43	283.76	283.73	283.88
1945-46	283.76	282.03	279.81	277.63	275.45	275.88	280.85	281.92	282.59	283.71	283.56	284.67
1946-47	283.41	281.23	282.51	281.16	279.95	278.30	277.97	279.17	279.62	283.18	283.87	284.50
1947-48	283.91	282.73	280.97	279.29	277.37	279.63	279.66	277.97	280.01	285.22	284.61	285.56
1948-49	284.69	282.83	281.01	278.73	277.01	278.13	279.00	281.61	281.56	282.64	284.16	284.66
1949-50	282.50	280.17	278.10	276.05	273.94	272.40	272.07	273.29	275.58	280.13	282.78	284.07
1950-51	283.58	281.33	279.64	277.64	275.63	275.99	277.74	279.77	282.17	283.41	284.66	285.08
1951-52	284.19	282.41	280.57	278.54	276.71	281.24	283.40	282.84	281.44	283.39	284.31	285.10
1952-53	283.92	281.34	280.02	277.76	275.37	273.52	272.74	278.12	282.29	285.13	284.68	284.49
1953-54	282.38	280.50	278.36	276.08	274.38	274.86	279.60	280.19	281.50	283.75	284.92	284.48
1954-55	283.05	281.11	280.22	282.61	281.65	282.94	284.57	281.49	282.33	282.66	284.05	284.35
1955-56	283.65	281.04	282.47	279.97	285.21	284.60	281.10	282.20	282.41	282.16	285.06	283.80
1956-57	282.87	281.39	278.96	276.87	274.79	274.14	276.52	278.15	279.67	282.10	284.36	283.34
1957-58	281.00	278.38	275.91	273.47	271.19	269.42	270.66	279.27	280.98	284.82	285.62	284.67
1958-59	283.80	282.10	280.42	279.27	279.43	279.32	278.74	278.12	279.12	282.98	284.62	283.82
1959-60	283.61	283.91	281.28	279.01	278.35	279.54	282.60	282.15	284.19	283.12	284.27	284.62
1960-61	282.55	280.89	278.84	279.00	278.37	279.44	280.03	278.86	281.01	282.99	284.92	285.35
1961-62	283.23	281.41	279.11	279.99	279.76	279.36	278.81	280.96	279.87	283.34	284.04	284.15
1962-63	283.45	281.29	279.08	277.14	277.54	280.09	280.12	278.98	279.05	283.61	283.64	284.54
1963-64	283.55	282.41	280.07	278.08	275.77	279.90	275.36	280.15	280.37	282.17	284.68	283.53
1964-65	281.43	279.43	277.21	274.98	272.78	271.28	273.08	273.83	277.38	280.27	281.38	281.06
1965-66	279.60	277.26	274.89	272.71	270.70	269.01	267.69	266.76	268.84	272.57	272.61	273.71
1966-67	275.84	274.08	272.00	270.63	269.64	271.24	271.94	274.09	275.21	280.45	283.59	285.27
1967-68	285.05	284.30	282.48	280.59	279.74	279.97	281.26	279.15	279.05	285.30	284.18	284.21
1968-69	284.41	281.48	279.26	277.25	275.21	275.47	279.28	280.30	280.89	284.78	285.12	284.77

TABLE 6 (cont'd)

SCITUATE RESERVOIR ELEVATIONS

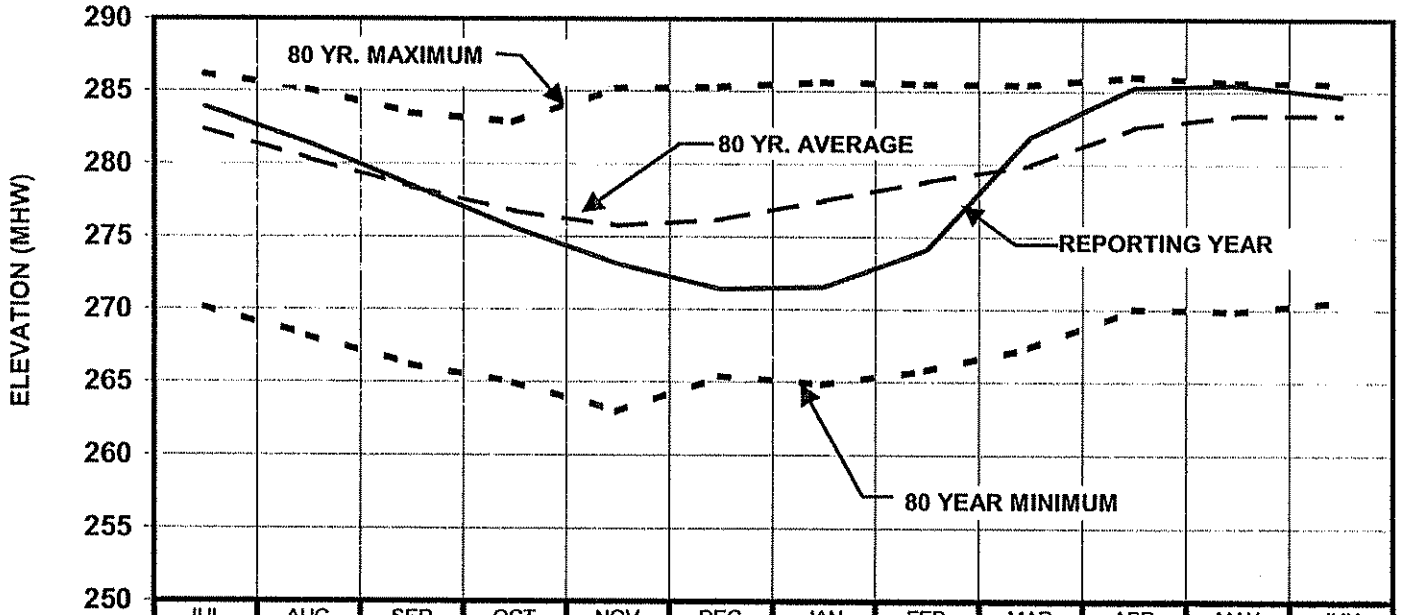
YEAR ENDING JUNE 30, 2008

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1969-70	283.38	281.73	280.04	278.43	276.70	278.08	283.45	282.99	283.99	284.44	284.21	284.03
1970-71	283.63	281.21	279.11	277.10	275.29	275.41	275.73	275.87	279.66	284.28	284.50	284.90
1971-72	283.42	280.96	278.39	276.39	274.87	274.19	275.15	277.06	279.58	285.00	284.48	284.47
1972-73	284.73	284.04	282.85	282.06	281.95	285.16	285.65	283.80	282.83	280.67	284.31	283.71
1973-74	282.86	282.05	280.53	279.10	277.85	277.82	284.69	283.94	282.12	284.44	283.35	283.05
1974-75	281.94	279.25	276.35	274.93	274.37	273.81	277.47	282.00	282.26	282.68	283.71	282.96
1975-76	282.20	279.77	277.30	276.16	277.67	281.34	280.27	282.72	282.07	283.17	283.94	284.22
1976-77	281.99	280.03	279.49	277.55	277.10	275.63	275.70	276.31	277.25	284.75	284.84	284.49
1977-78	283.27	280.68	278.26	277.22	280.05	280.65	282.32	285.31	281.70	284.96	284.17	285.06
1978-79	283.11	280.41	279.08	276.52	274.70	273.21	274.38	285.29	283.96	283.64	284.80	285.51
1979-80	283.80	280.96	279.43	277.60	276.58	278.50	277.65	276.16	274.87	282.99	285.24	284.08
1980-81	282.40	280.28	277.81	275.00	272.97	272.07	270.96	269.13	274.70	275.56	277.38	277.70
1981-82	275.81	273.35	270.39	268.01	266.84	267.53	273.26	279.98	284.02	284.26	284.38	282.67
1982-83	284.77	281.97	279.18	275.83	273.56	274.46	275.22	277.81	281.81	285.53	285.65	284.32
1983-84	282.58	278.67	274.85	271.43	269.11	272.09	278.49	278.64	283.06	284.83	284.29	285.14
1984-85	283.93	281.93	278.07	274.94	272.16	270.37	270.05	268.24	268.35	270.04	269.90	270.61
1985-86	270.16	268.17	266.18	264.97	262.97	267.10	268.94	271.27	274.13	278.20	278.66	277.95
1986-87	277.36	276.33	277.22	274.95	273.24	276.81	284.05	282.67	279.44	282.01	284.35	282.72
1987-88	280.10	277.03	273.94	272.15	270.99	270.58	271.40	272.07	277.05	279.91	281.74	283.33
1988-89	280.94	278.68	276.12	272.80	270.43	272.88	273.12	273.06	274.04	276.10	279.96	283.51
1989-90	284.51	283.45	283.47	282.57	284.70	284.67	284.00	285.29	284.61	284.35	284.61	284.78
1990-91	283.25	281.21	283.02	281.12	284.14	284.13	284.78	284.46	284.33	284.83	284.79	283.83
1991-92	281.52	278.57	278.29	277.51	277.53	280.63	282.78	285.35	285.47	285.45	285.02	283.99
1992-93	283.57	281.62	281.24	279.94	278.65	281.12	285.63	284.87	284.80	286.03	285.57	284.40
1993-94	282.32	279.20	276.77	273.95	271.59	270.15	274.43	275.50	280.10	285.77	285.31	284.83
1994-95	282.61	279.50	277.35	275.33	275.48	272.70	275.55	278.58	280.26	283.12	284.20	284.48
1995-96	283.07	279.85	276.51	273.75	272.52	273.99	273.82	280.38	284.88	285.36	285.11	284.12
1996-97	282.23	280.96	278.40	277.49	280.17	280.25	285.40	285.45	285.07	285.35	285.40	284.90
1997-98	282.38	278.72	276.25	274.38	271.75	272.75	273.12	279.45	284.98	284.75	284.74	284.82
1998-99	286.17	283.58	281.80	279.89	278.63	278.00	277.29	283.84	285.45	285.06	284.14	284.29
1999-00	281.02	277.52	274.51	275.13	275.31	275.98	277.19	278.61	281.47	284.98	285.19	284.72
2000-01	283.87	281.54	279.40	277.24	274.95	274.17	275.85	276.02	278.08	285.97	284.98	284.30
2001-02	284.98	282.65	280.39	278.12	275.73	273.58	271.83	271.07	270.50	273.31	274.22	276.74
2002-03	276.59	272.73	268.93	267.02	264.67	265.40	270.18	273.17	273.89	281.14	285.47	285.58
2003-04	285.09	283.24	282.06	281.23	281.97	282.79	285.19	284.32	284.15	285.66	285.37	285.05
2004-05	282.87	280.49	278.85	277.92	276.21	277.03	280.85	284.71	285.05	285.61	285.53	285.27
2005-06	282.91	279.93	276.53	273.70	280.66	283.40	285.50	285.50	285.19	284.61	284.51	285.18
2006-07	285.41	283.70	281.47	279.96	279.81	285.32	285.34	285.06	284.44	285.47	285.55	284.91
2007-08	283.89	281.39	278.50	275.61	273.14	271.41	271.56	274.12	281.88	285.27	285.47	284.69
						80 YEAR AVERAGE						
	282.38	280.32	278.38	276.74	275.76	276.20	277.50	278.80	279.92	282.56	283.39	283.38
						80 YEAR MAXIMUM						
	286.17	285.14	283.47	282.87	285.21	285.32	285.65	285.50	285.47	286.03	285.65	285.58
						80 YEAR MINIMUM						
	270.16	268.17	266.18	264.97	262.97	265.40	264.86	265.82	267.39	270.04	269.90	270.61

SCITUATE RESERVOIR ELEVATIONS

(FIRST DAY OF THE MONTH)

REPORTING YEAR JULY 1, 2007 T0 JUNE 30, 2008



	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
AVG	282.38	280.32	278.38	276.74	275.76	276.20	277.50	278.80	279.92	282.56	283.39	283.38
MAX	286.17	285.14	283.47	282.87	285.21	285.32	285.65	285.50	285.47	286.03	285.65	285.58
MIN	270.16	268.17	266.18	264.97	262.97	265.40	264.86	265.82	267.39	270.04	269.90	270.61
REP. YR.	283.89	281.39	278.50	275.61	273.14	271.41	271.56	274.12	281.88	285.27	285.47	284.69

TABLE 7

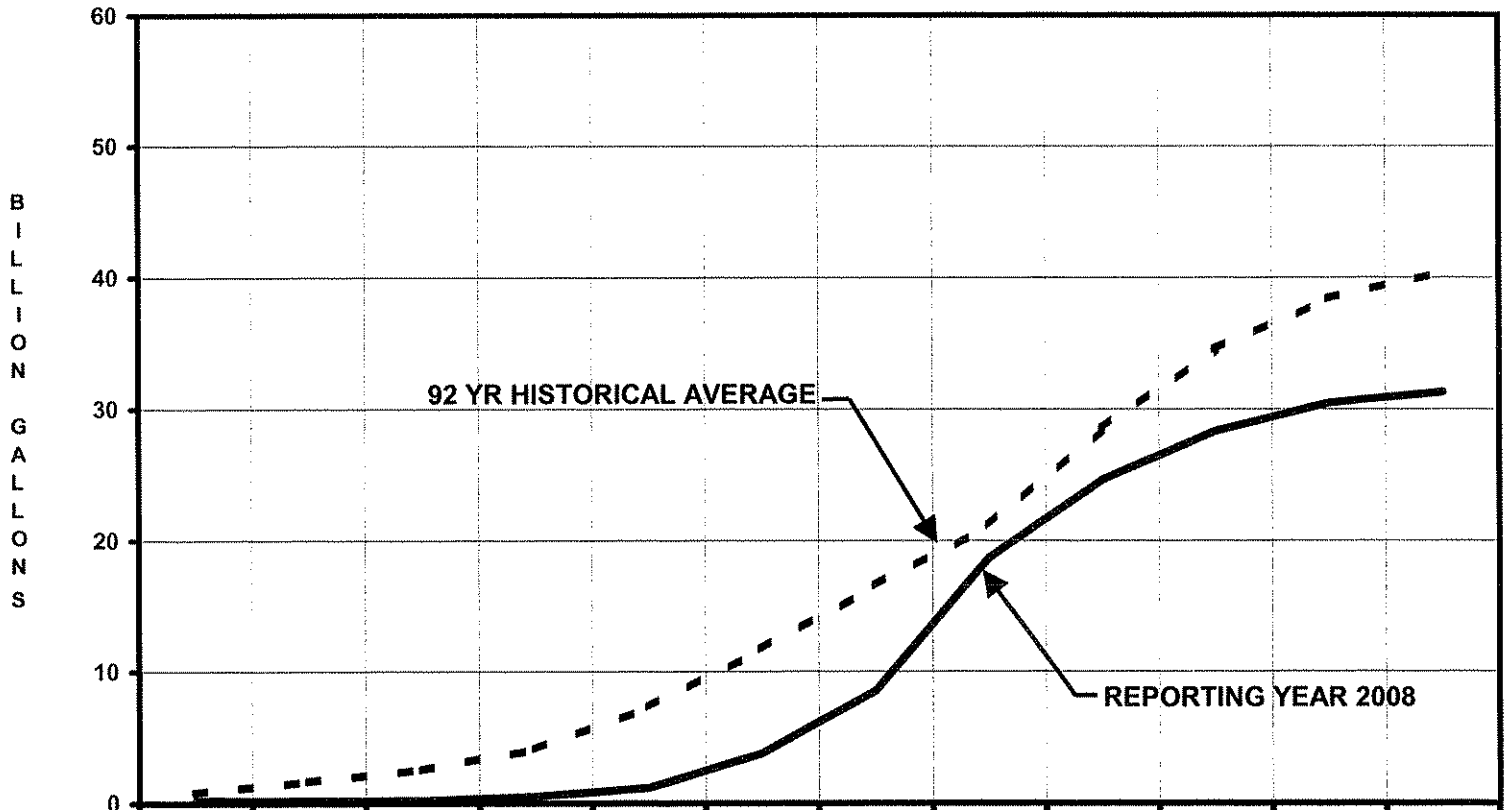
DRAFT & YIELD

YEAR ENDING JUNE 30, 2008

DRAFT FROM SCITUATE RESERVOIR							YIELD FROM WATERSHED			
MONTH	DOWNSTREAM DISCHARGE			INFLUENT	DRAFT		GAIN / LOSS IN STORAGE (MG)	YIELD (MG)	AVERAGE PER DAY (MGD)	92 YEAR AVERAGE PER DAY (MGD)
	OVER SPILLWAY (MG)	THROUGH GATE HOUSE (MG)	TOTAL (MG)	TO WATER PURIFICA-TION WORKS (MG)	TOTAL (MG)	AVERAGE PER DAY (MGD)				
JUL	0.00	285.23	285.23	2,880.90	3,166.13	102.13	(2,961)	205.13	6.62	26.11
AUG	0.00	280.73	280.73	2,863.54	3,144.27	101.43	(3,176)	(31.73)	(1.02)	27.19
SEP	0.00	290.85	290.85	2,657.80	2,948.65	98.29	(2,937)	11.65	0.39	30.19
OCT	0.00	297.97	297.97	2,254.15	2,552.12	82.33	(2,229)	323.12	10.42	50.68
NOV	0.00	284.61	284.61	1,933.73	2,218.34	73.94	(1,551)	667.34	22.24	106.89
DEC	0.00	291.45	291.45	1,919.30	2,210.75	71.31	394	2,604.75	84.02	141.97
JAN	0.00	295.84	295.84	2,006.12	2,301.96	74.26	2,444	4,745.96	153.10	155.73
FEB	0.00	286.09	286.09	1,831.91	2,118.00	73.03	8,005	10,123.00	349.07	162.93
MAR	244.48	317.67	562.15	1,852.19	2,414.34	77.88	3,535	5,949.34	191.91	237.14
APR	974.93	308.44	1,283.37	2,037.55	3,320.92	110.70	358	3,678.92	122.63	200.96
MAY	567.75	318.56	886.31	2,341.22	3,227.53	104.11	(1,057)	2,170.53	70.02	125.10
JUN	21.40	305.57	326.97	2,842.92	3,169.89	105.66	(2,352)	817.89	27.26	67.31
TOTAL	**1,808.56**	**3,563.01**	**5,371.57**	**27,421.33**	**32,792.90**		**(1,527.00)**	**31,265.90**		
AVERAGE						**89.60**			**85.43**	**110.73**

CUMULATIVE WATERSHED YIELD

REPORTING YEAR vs HISTORICAL AVERAGE



	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
REPORTING YEAR 2008	0.21	0.17	0.19	0.51	1.18	3.78	8.53	18.65	24.60	28.28	30.45	31.27
92 YR HISTORICAL AVG	0.81	1.64	2.55	4.11	7.32	11.72	16.55	21.14	28.50	34.53	38.40	40.41

TABLE 8

SCITUATE WATERSHED REFORESTATION
NUMBER AND KIND OF TREES PLANTED ON WATERSHED LAND

YEAR ENDING JUNE 30,2008

YEAR	FRASER FIR	BALSAM FIR	RED PINE	WHITE PINE	DOUGLAS FIR	AUSTRIAN PINE	SCOTCH PINE	JACK PINE	WHITE SPRUCE	WHITE ASH	NORWAY SPRUCE	SUGAR MAPLE	HEMLOCK	LARCH	RED OAK	TOTAL PLANTED
1926-30	0	0	280,000	315,000	0	0	0	0	0	0	0	0	0	0	0	595,000
1931-35	0	0	835,000	345,000	0	36,000	136,000	4,000	534,000	0	204,000	0	3,000	0	0	2,097,000
1936-40	0	0	1,439,187	1,512,521	0	60,316	0	117,750	233,200	0	15,000	0	26,000	0	0	3,403,974
1941-45	0	0	51,000	603,770	0	0	0	0	34,350	0	0	0	0	0	0	689,120
1946-50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1951-55	0	2,000	30,000	6,500	14,000	0	0	0	16,000	0	0	0	0	21,000	0	89,500
1956-60	0	140	3,240	19,874	784	4,905	0	0	3,401	0	49	0	0	3,461	0	35,854
1961-65	1,000	2,000	0	22,300	144	0	0	0	830	0	0	0	24,000	17,000	0	67,574 (1)
1966-70	0	0	0	12,000	1,500	0	0	0	0	0	1,500	0	14,000	7,000	0	40,040 (2)
1971-75	0	0	0	11,500	2,500	0	0	0	0	0	2,000	0	8,500	500	0	25,000
1976-80	0	0	0	10,750	1,500	0	0	0	0	0	4,500	0	10,500	0	0	27,250
1981-85	0	0	0	10,500	2,300	0	0	0	0	0	3,000	0	9,500	1,000	0	26,300
1986	0	0	0	2,000	500	0	0	0	500	0	500	0	0	500	0	4,000
1987	0	0	0	2,000	500	0	0	0	500	0	0	0	0	0	0	3,500 (3)
1988	150	0	0	500	250	0	0	0	0	0	250	0	0	0	0	1,150
1989	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	250	0	0	1,000	0	0	0	0	0	0	1,000	0	0	0	0	2,250
1991	0	0	0	1,000	0	0	0	0	0	0	0	0	1,000	0	0	2,000
1992	250	0	0	1,500	0	0	0	0	0	0	0	0	500	0	0	2,300 (4)
1993	0	0	0	1,000	1,000	0	0	0	0	0	0	0	0	0	0	2,000
1994	0	0	0	2,000	0	0	0	0	0	0	0	0	0	0	0	2,000
1995	0	0	0	2,600	0	0	0	0	0	0	0	0	0	0	150	2,750
1996	0	0	0	2,500	0	0	0	0	0	100	300	100	0	0	100	3,100
1997	0	0	0	750	0	0	0	0	0	0	0	0	0	0	0	750
1998	0	0	0	2,250	0	0	0	0	0	0	0	0	0	200	200	2,650
1999	0	0	0	2,500	0	0	0	0	0	0	0	0	0	0	0	2,500
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	2,000
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	2,000
2002	0	0	0	1,000	0	0	0	0	0	0	1,000	0	0	0	0	2,000
2003	0	0	0	1,500	0	0	0	0	0	0	1,000	0	0	0	0	2,500
2004	0	0	0	1,500	0	0	0	0	0	0	0	0	0	0	0	1,500
2005	0	0	0	1,000	0	0	0	0	0	0	0	0	0	0	0	1,000
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1,650	4,140	2,638,427	2,896,315	24,978	101,221	136,000	121,750	822,781	100	234,099	100	97,000	50,661	4,450	7,138,562

NOTES:
(1) Includes 200 Black Walnut and 100 Chestnut.
(2) Includes 40 Chestnut, 2400 White Ash,1000 Tulip Poplar, and 600 Black Cherry.
(3) Includes 500 Blue Spruce.
(4) Includes 50 Wildlife Trees.

TABLE 9

WATER PURIFICATION WORKS OPERATING STATISTICS

YEAR ENDING JUNE 30, 2008

MONTH	INFLUENT AERATOR OPERATION (HRS)*	PLANT INFLUENT		WATER FILTERED		WASH WATER			PLANT EFFLUENT		PLANT EFFLUENT FLOW (HRS)**	NUMBER OF FILTERS IN OPERATION		
		(MG)	(MGD)	(MG)	(MGD)	(MG)	(MGD)	% OF FILTERED WATER	(MG)	(MGD)		MIN	MAX	AVG
JUL	717	2,880.90	92.93	2,704.45	87.24	31.14	1.00	1.15	2,673.31	86.24	722	7	14	12
AUG	714	2,863.54	92.37	2,669.73	86.12	29.86	0.96	1.12	2,639.87	85.16	720	7	15	12
SEP	696	2,657.80	88.59	2,442.10	81.40	43.65	1.46	1.79	2,398.45	79.95	697	6	18	14
OCT	691	2,254.15	72.71	2,067.62	66.70	56.54	1.82	2.73	2,011.08	64.87	679	6	15	12
NOV	638	1,933.73	64.46	1,722.76	57.43	24.87	0.83	1.44	1,697.89	56.60	650	7	15	12
DEC	720	1,919.30	61.91	1,743.22	56.23	24.21	0.78	1.39	1,719.01	55.45	719	8	18	13
JAN	720	2,006.12	64.71	1,772.85	57.19	24.02	0.77	1.35	1,748.83	56.41	724	4	14	12
FEB	648	1,831.91	63.17	1,638.84	58.53	21.75	0.75	1.33	1,617.09	55.76	655	6	18	13
MAR	720	1,852.19	59.75	1,721.57	55.53	24.35	0.79	1.41	1,697.22	54.75	721	7	16	13
APR	670	2,037.55	67.92	1,819.80	60.66	42.14	1.40	2.32	1,777.66	59.26	676	9	14	12
MAY	706	2,341.22	75.52	2,057.28	66.36	40.39	1.30	1.96	2,016.89	65.06	676	9	15	12
JUN	695	2,842.92	94.76	2,600.50	86.68	32.46	1.08	1.25	2,568.04	85.60	697	4	18	14
TOTAL	**8,335.00**	**27,421.33**		**24,960.72**		**395.38**			**24,565.34**		**8,336.00**			
AVG			**74.92**		**68.20**		**1.08**	**1.60**		**67.12**				**13**

* Influent aerator flow hours taken from SCADA summary.
** Effluent flow hours taken from SCADA summary.

TABLE 9 (cont'd)

WATER PURIFICATION WORKS OPERATING STATISTICS

YEAR ENDING JUNE 30, 2008

MONTH	FILTERS				FERRIC-FLOC (LIQUID) INFLUENT		QUICKLIME - INFLUENT		QUICKLIME - PREFILTRATION WATER		CHLORINE - PREFILTRATION WATER		FLUOROSILICIC ACID - EFFLUENT	
	DAILY AVG RATE OF FILTRATION (MGD)	TOTAL WASHES	AVG WASHES PER DAY	AVG FILTER RUN (HRS)	GALS	DOSING GRAINS PER GAL	LBS	DOSING GRAINS PER GAL	LBS	DOSING GRAINS PER GAL	LBS	DOSING PARTS PER MIL	LIQUID FLUORIDE GALLONS	DOSING PARTS* PER MIL
JUL	8.00	157	5.1	52.00	79,650	1.095	265,986	0.646	103,837	0.269	31,570	1.401	10,338	0.87
AUG	8.00	152	4.9	51.00	79,235	1.096	284,047	0.694	113,927	0.299	32,458	1.459	10,398	0.88
SEP	7.00	224	7.5	36.00	73,347	1.093	259,695	0.684	121,353	0.348	36,030	1.770	9,582	0.90
OCT	6.69	287	9.3	22.00	62,441	1.098	231,061	0.718	114,191	0.387	31,509	1.829	8,428	0.94
NOV	5.28	114	3.8	63.00	53,648	1.099	160,983	0.583	70,179	0.285	17,268	1.203	7,234	0.96
DEC	5.00	125	4.0	65.00	53,070	1.096	178,552	0.651	68,784	0.276	14,236	0.980	6,745	0.88
JAN	5.00	122	3.9	69.00	54,632	1.079	159,250	0.556	71,125	0.281	14,834	1.004	7,146	0.92
FEB	5.00	109	3.8	70.00	48,442	1.048	123,146	0.471	70,311	0.300	14,442	1.057	6,556	0.91
MAR	5.00	120	3.9	70.00	48,474	1.037	126,335	0.477	73,912	0.301	17,628	1.229	7,025	0.93
APR	5.37	218	7.3	39.00	51,159	0.995	151,812	0.522	73,112	0.281	22,328	1.472	7,401	0.94
MAY	6.00	187	6.0	45.00	58,714	0.994	178,877	0.535	78,914	0.269	25,604	1.493	8,509	0.95
JUN	6.97	166	5.5	54.00	75,693	1.055	224,757	0.553	99,945	0.269	34,934	1.612	9,738	0.85
TOTAL		1,981			738,505		2,344,501		1,059,590		292,841		99,100	
AVG	6.11		5.4	53.00		1.065		0.591		0.297		1.376		0.91

* DOSAGE EXPRESSED AS P.P.M. OF FLUORIDE ION.

TABLE 10

ANNUAL CHARACTERISTICS OF WATER IN BROOKS AND RESERVOIRS LOCATED ON THE SCITUATE RESERVOIR WATERSHED

YEAR ENDING JUNE 30, 2008

SAMPLING PLACE (1)	PH (s.u.)	TEMP (°C)	ACIDITY (mg/l)	TOTAL ALKALINITY (mg/l)	COLOR (std units)	CHLORIDE (mg/l)	TURBIDITY (ntu)	NITRITE (mg/l)	NITRATE (mg/l)	TOTAL PHOSPHATE (mg/l)	T. COLI MPN (100 mls)	E.COLI MPN (100 mls)	HPC BACTERIA (cfu/ml)
Barden Stream	6.0	12.5	4.3	3.4	37	18.7	0.51	0.001	0.02	0.05	25	13	1,617
Bear Tree Brook	6.3	13.0	5.4	6.7	29	84.3	0.30	0.002	0.25	0.04	90	90	2,560
Blanchard Brook	5.9	11.1	11.5	5.5	179	45.1	0.75	0.003	0.03	0.08	1,210	863	4,986
Brandy Brook	6.6	10.9	5.0	8.6	74	12.9	1.08	0.003	0.03	0.08	430	51	2,882
Cork Brook	6.1	10.5	4.7	4.0	34	31.8	0.29	0.001	0.04	0.07	199	161	789
Coventry Brook	6.0	13.2	5.9	4.1	58	12.8	0.52	0.001	0.02	0.02	18	8	577
Dolly Cole Brook	6.0	11.2	5.1	3.5	38	27.0	0.50	0.001	0.02	0.09	606	567	2,955
Fire Tower Stream	5.9	12.7	6.4	3.0	25	5.6	0.36	0.001	0.01	0.03	814	801	2,717
Halls Estate Brook	6.1	11.2	6.8	4.5	20	13.2	0.17	0.002	0.06	0.06	22	12	175
SAMPLING PLACE (1)	PH (s.u.)	TEMP (°C)	ACIDITY (mg/l)	TOTAL ALKALINITY (mg/l)	COLOR (std units)	CHLORIDE (mg/l)	TURBIDITY (ntu)	NITRITE (mg/l)	NITRATE (mg/l)	TOTAL PHOSPHATE (mg/l)	T. COLI MPN (100 mls)	E.COLI MPN (100 mls)	HPC BACTERIA (cfu/ml)
Hemlock Brook	5.8	11.7	6.4	3.5	79	24.8	0.47	0.005	0.04	0.07	185	147	2,204
Huntinghouse Brook	6.2	10.7	5.7	6.9	35	11.2	0.40	0.001	0.02	0.06	462	295	2,098
Kent Brook	6.2	11.9	7.6	5.9	33	4.8	0.83	0.003	0.04	0.09	329	243	4,104
Kimball Brook	6.6	18.9	5.3	11.1	55	38.1	0.74	0.002	0.02	0.11	240	9	1,300
Kimball Stream	6.2	14.4	4.4	10.0	48	34.5	0.73	0.001	0.02	0.02	0	0	890
Kings Pond Stream	6.3	10.1	3.7	3.5	18	5.8	0.28	0.002	0.04	0.07	23	0	495
Moswansicut Reservoir	6.7	13.0	3.2	8.0	28	32.8	0.76	0.002	0.00	0.08	41	41	377
Moswansicut South	6.6	12.1	6.9	14.8	45	171.3	2.53	0.007	0.16	0.10	1,412	1,091	7,483
Unnamed North of Bull.	6.1	7.9	6.1	3.7	12	60.3	0.21	0.001	0.13	0.02	58	7	1,620
Paine Pond Brook	5.8	12.4	17.2	4.8	63	30.9	0.31	0.002	0.00	0.09	135	5	650

NOTE 1: Fiscal Year Average - July 2007- June 2008

TABLE 10 (cont'd)

ANNUAL CHARACTERISTICS OF WATER IN BROOKS AND RESERVOIRS LOCATED ON THE SCITUATE RESERVOIR WATERSHED

YEAR ENDING JUNE 30, 2008

SAMPLING PLACE (1)	PH (s.u.)	TEMP (°C)	ACIDITY (mg/l)	TOTAL ALKALINITY (mg/l)	COLOR (std units)	CHLORIDE (mg/l)	TURBIDITY (ntu)	NITRITE (mg/l)	NITRATE (mg/l)	TOTAL PHOSPHATE (mg/l)	T. COLI MPN (100 mls)	E.COLI MPN (100 mls)	HPC BACTERIA (cfu/ml)
Peeptoad Brook	6.6	12.3	5.9	10.6	28	32.0	0.54	0.001	0.05	0.05	114	71	3,640
Pine Swamp Brook	6.0	8.7	5.9	4.5	45	12.8	0.27	0.001	0.10	0.01	33	33	190
Ponaganset @ Ramstail	6.0	11.7	4.5	3.5	38	18.9	0.91	0.002	0.03	0.09	627	342	2,948
Ponaganset Reservoir	5.5	11.8	4.9	2.3	12	11.9	0.49	0.001	0.02	0.03	349	347	2,306
Quonopaug Brook	6.2	10.7	8.9	8.0	80	35.6	1.41	0.003	0.04	0.09	342	330	4,270
Regulating Reservoir	6.5	13.1	5.7	7.7	29	33.9	0.65	0.002	0.02	0.10	47	20	1,514
Rush Brook	6.5	11.0	4.3	7.4	46	47.4	0.72	0.002	0.04	0.11	727	162	2,723
Shippee Brook	5.8	14.0	5.6	3.3	31	9.5	0.43	0.001	0.01	0.12	395	367	2,543
SAMPLING PLACE (1)	PH (s.u.)	TEMP (°C)	ACIDITY (mg/l)	TOTAL ALKALINITY (mg/l)	COLOR (std units)	CHLORIDE (mg/l)	TURBIDITY (ntu)	NITRITE (mg/l)	NITRATE (mg/l)	TOTAL PHOSPHATE (mg/l)	T. COLI MPN (100 mls)	E.COLI MPN (100 mls)	HPC BACTERIA (cfu/ml)
Spruce Brook	6.20	18.30	5.50	5.1	40	19.6	0.41	0.001	0.01	0.01	12	12	3,075
Toad Pond	6.30	9.10	15.70	13.7	28	88.1	1.18	0.001	0.14	0.07	240	0	780
Unnamed Brook A	6.30	18.40	6.60	11.5	85	55.2	0.38	0.002	0.00	0.20	23	0	800
Unnamed Brook West of Windsor	5.70	15.40	10.50	3.8	30	9.9	0.22	0.001	0.00	0.08	4	4	360
Unnamed North of Westconnaug	6.10	7.90	6.10	3.7	12	60.3	0.21	0.001	0.13	0.02	58	7	1,620
Unnamed South of Westconnaug	5.20	11.00	13.10	3.1	74	6.0	0.48	0.002	0.00	0.03	142	7	545
Westconnaug Brook	5.60	11.40	7.40	2.6	44	22.3	4.00	0.002	0.02	0.19	329	15	6,052
Westconnaug Stream	5.80	11.50	5.20	2.8	17	12.9	0.69	0.001	0.02	0.03	6	2	1,205
Wilbur Hollow Brook	6.10	11.70	6.60	5.9	82	9.9	0.92	0.003	0.02	0.06	276	24	1,535
Windsor Brook	5.90	13.80	4.90	3.7	31	15.0	0.27	0.001	0.02	0.07	825	801	1,527

NOTE 1: Fiscal Year Average - July 2007 - June 2008

TABLE 11

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

Neutaconkanut Reservoir

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.7	2.8	10.6	6	19.6	0.001	0.08	0.96	0	0.27	0	6
Aug	9.6	14.0	3.2	12.4	6	19.6	0.001	0.07	0.94	0	0.23	0	8
Sep	9.6	14.0	4.0	15.1	5	20.0	0.001	0.02	0.95	0	0.28	0	6
Oct	9.6	15.2	4.6	16.2	6	20.3	0.001	0.08	0.99	0	0.35	0	7
Nov	9.8	11.9	3.6	11.2	10	20.1	0.001	0.21	1.00	0	0.38	0	5
Dec	9.7	6.3	2.6	9.5	5	20.0	0.001	0.08	0.94	0	0.38	0	5
Jan	9.6	4.1	1.9	9.0	6	19.8	0.001	0.06	0.95	0	0.43	0	5
Feb	9.6	3.8	1.4	8.5	6	19.8	0.001	0.08	0.93	0	0.40	0	4
Mar	9.6	5.4	1.6	8.2	5	19.6	0.001	0.06	0.97	0	0.46	0	5
Apr	9.6	8.4	2.1	8.4	6	19.9	0.001	0.09	0.97	0	0.46	0	6
May	9.7	11.3	2.5	9.6	6	20.1	0.001	0.10	1.03	0	0.52	0	9
Jun	9.6	13.9	2.7	10.2	4	20.4	0.001	0.05	0.96	0	0.57	0	7
Minimum	9.6	3.8	1.4	8.2	4	19.6	0.001	0.02	0.93	0	0.23	0	4
Maximum	9.8	15.2	4.6	16.2	10	20.4	0.001	0.21	1.03	0	0.57	0	9
Average	9.6	10.2	2.8	10.7	6	19.9	0.001	0.08	0.97	0	0.39	0	6

160 Sockanosett Crossroads, Cranston

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.4	2.7	9.9	5	19.1	0.001	0.04	0.90	0	0.31	0	8
Aug	9.6	14.1	3.2	12.6	5	19.6	0.001	0.04	1.02	0	0.26	0	6
Sep	9.7	14.5	4.7	15.7	4	19.9	0.001	0.01	0.72	0	0.24	0	5
Oct	9.7	14.9	4.9	16.1	5	20.3	0.002	0.02	0.94	0	0.27	0	3
Nov	9.8	11.5	3.6	11.0	5	20.3	0.001	0.02	1.05	0	0.19	0	6
Dec	9.8	6.5	3.0	9.9	5	20.3	0.001	0.02	0.95	0	0.44	0	1
Jan	9.7	3.8	1.8	8.9	5	19.3	0.001	0.05	0.95	0	0.53	0	5
Feb	9.6	4.2	1.4	8.5	5	20.1	0.001	0.03	0.99	0	0.41	0	4
Mar	9.6	4.7	1.7	8.3	4	19.9	0.001	0.02	0.99	0	0.43	0	6
Apr	9.7	8.1	2.1	8.4	5	20.1	0.001	0.04	0.98	0	0.33	0	6
May	9.7	10.7	2.4	9.2	5	19.9	0.001	0.04	1.03	0	0.29	0	3
Jun	9.7	13.8	3.0	10.4	5	20.5	0.001	0.03	0.99	0	0.29	0	6
Minimum	9.6	3.8	1.4	8.3	4	19.1	0.001	0.01	0.72	0	0.19	0	1
Maximum	9.8	14.9	4.9	16.1	5	20.5	0.002	0.05	1.05	0	0.53	0	8
Average	9.7	10.0	2.9	10.7	5	19.9	0.001	0.03	0.96	0	0.33	0	5

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

223 Brook St., Providence

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	16.0	2.9	10.3	7	23.2	0.001	0.13	0.98	0	0.02	0	38
Aug	9.6	15.4	3.3	11.4	8	22.2	0.002	0.13	0.98	0	0.04	0	23
Sep	9.7	15.9	3.6	12.1	8	21.6	0.001	0.09	0.90	0	0.03	0	6
Oct	9.6	14.3	3.2	11.0	6	22.7	0.001	0.05	0.98	0	0.05	0	8
Nov	9.5	12.3	3.2	9.4	16	21.8	0.001	0.40	0.97	0	0.04	0	8
Dec	9.7	9.0	2.7	8.5	6	21.2	0.001	0.09	0.94	0	0.08	0	0
Jan	9.5	4.3	2.2	8.0	8	19.6	0.001	0.23	0.99	0	0.13	0	11
Feb	9.6	3.7	2.0	5.6	9	20.0	0.001	0.19	0.97	0	0.15	0	2
Mar	9.5	5.6	1.9	8.0	5	19.8	0.001	0.20	0.99	0	0.19	0	4
Apr	9.6	7.2	2.3	8.3	7	19.8	0.001	0.18	1.03	0	0.20	0	7
May	9.6	11.1	2.4	8.8	10	19.5	0.001	0.25	0.96	0	0.04	0	6
Jun	9.7	13.0	2.3	8.8	9	18.6	0.001	0.25	1.04	0	0.02	0	11
Minimum	9.5	3.7	1.9	5.6	5	18.6	0.001	0.05	0.90	0	0.02	0	0
Maximum	9.7	16.0	3.6	12.1	16	23.2	0.002	0.40	1.04	0	0.20	0	38
Average	9.6	10.7	2.7	9.2	8	20.8	0.001	0.18	0.98	0	0.08	0	10

99 Putnam Ave.. Johnston

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	14.2	2.6	10.5	5	19.8	0.001	0.04	0.93	0	0.25	0	8
Aug	9.6	14.0	3.4	12.5	5	19.8	0.001	0.02	0.98	0	0.19	0	8
Sep	9.6	14.9	3.5	14.3	5	20.5	0.001	0.02	0.98	0	0.17	0	6
Oct	9.6	15.5	4.4	16.2	4	20.3	0.001	0.01	1.02	0	0.25	0	12
Nov	9.9	12.5	3.8	11.3	5	20.2	0.001	0.03	1.02	0	0.20	0	7
Dec	9.8	5.3	2.7	9.8	5	20.3	0.001	0.02	0.97	0	0.25	0	3
Jan	9.7	4.2	2.1	9.2	5	19.7	0.001	0.03	1.00	0	0.31	0	5
Feb	9.6	3.7	1.8	8.5	5	19.9	0.001	0.01	0.98	0	0.27	0	3
Mar	9.6	5.6	1.8	8.5	5	19.7	0.001	0.02	0.98	0	0.36	0	9
Apr	9.7	8.5	2.3	8.6	5	20.0	0.001	0.04	0.94	0	0.39	0	7
May	9.7	11.2	2.8	9.7	5	20.0	0.001	0.02	1.05	0	0.37	0	8
Jun	9.6	14.0	2.5	10.0	5	20.5	0.001	0.02	0.97	0	0.35	0	16
Minimum	9.6	3.7	1.8	8.5	4	19.7	0.001	0.01	0.93	0	0.17	0	3
Maximum	9.9	15.5	4.4	16.2	5	20.5	0.001	0.04	1.05	0	0.39	0	16
Average	9.7	10.3	2.8	10.8	5	20.1	0.001	0.02	0.99	0	0.28	0	8

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

10 Branch Ave., Providence

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.5	13.9	2.5	10.6	7	19.7	0.002	0.05	0.97	0	0.07	0	8
Aug	9.6	14.3	3.4	12.5	5	19.2	0.001	0.04	0.94	0	0.10	0	7
Sep	9.6	13.8	3.5	14.3	4	20.3	0.001	0.04	0.97	0	0.14	0	8
Oct	9.6	16.6	4.1	16.3	5	20.6	0.001	0.03	0.95	0	0.23	0	21
Nov	9.8	10.9	3.1	12.0	6	20.0	0.002	0.03	0.90	0	0.15	0	13
Dec	9.9	4.2	2.5	9.2	5	20.8	0.001	0.03	1.03	0	0.32	0	5
Jan	9.7	3.8	1.4	8.7	6	20.1	0.001	0.03	0.95	0	0.27	0	10
Feb	9.5	4.8	1.4	8.3	5	19.9	0.001	0.05	0.99	0	0.19	0	4
Mar	9.6	4.9	1.9	8.2	5	19.9	0.001	0.03	0.95	0	0.31	0	2
Apr	9.7	8.4	2.0	8.2	5	19.9	0.001	0.05	0.95	0	0.23	0	7
May	9.7	11.4	2.5	10.4	5	20.5	0.001	0.06	1.07	0	0.24	0	3
Jun	9.7	13.6	2.6	9.5	4	20.1	0.001	0.05	1.10	0	0.18	0	14
Minimum	9.5	3.8	1.4	8.2	4	19.2	0.001	0.03	0.90	0	0.07	0	2
Maximum	9.9	16.6	4.1	16.3	7	20.8	0.002	0.06	1.10	0	0.32	0	21
Average	9.7	10.1	2.6	10.7	5	20.1	0.001	0.04	0.98	0	0.20	0	9

201 Messer St., Providence

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.5	13.7	2.6	10.2	8	19.7	0.001	0.18	0.97	0	0.04	0	7
Aug	9.6	14.1	3.4	12.9	6	20.1	0.001	0.11	0.92	0	0.03	0	14
Sep	9.6	14.6	3.9	14.7	6	20.1	0.001	0.08	1.00	0	0.03	0	10
Oct	9.7	15.0	4.8	15.8	6	20.4	0.002	0.07	0.98	0	0.04	0	14
Nov	9.8	11.5	3.6	11.0	6	19.9	0.001	0.09	1.01	0	0.18	0	8
Dec	9.7	5.3	2.6	9.6	7	20.2	0.001	0.12	0.95	0	0.23	0	4
Jan	9.7	4.4	2.0	8.8	9	20.4	0.001	0.18	0.92	0	0.31	0	6
Feb	9.6	4.4	1.3	8.3	6	19.9	0.001	0.07	0.94	0	0.28	0	3
Mar	9.6	5.5	1.8	8.4	6	19.6	0.001	0.13	0.97	0	0.32	0	10
Apr	9.6	9.1	2.1	8.5	8	20.0	0.001	0.11	1.01	0	0.23	0	5
May	9.7	11.3	2.3	9.0	8	19.9	0.001	0.22	1.09	0	0.21	0	14
Jun	9.7	13.8	2.8	10.0	7	20.8	0.001	0.18	0.94	0	0.10	0	11
Minimum	9.5	4.4	1.3	8.3	6	19.6	0.001	0.07	0.92	0	0.03	0	3
Maximum	9.8	15.0	4.8	15.8	9	20.8	0.002	0.22	1.09	0	0.32	0	14
Average	9.7	10.2	2.8	10.6	7	20.1	0.001	0.13	0.98	0	0.17	0	9

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

1080 Mineral Spring Ave., N. Providence

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.4	2.8	10.4	5	19.8	0.001	0.04	0.97	0	0.07	0	6
Aug	9.6	14.1	3.0	12.3	5	19.5	0.001	0.03	0.99	0	0.09	0	11
Sep	9.6	14.1	3.8	14.5	5	19.6	0.002	0.03	0.99	0	0.13	0	9
Oct	9.7	14.9	4.7	15.9	4	21.7	0.003	0.03	0.99	0	0.04	0	13
Nov	9.7	11.9	3.6	12.2	5	20.2	0.001	0.03	1.00	0	0.13	0	19
Dec	9.7	5.7	2.3	9.2	5	20.5	0.001	0.03	0.98	0	0.51	0	8
Jan	9.7	4.0	1.6	8.7	5	20.3	0.001	0.03	0.95	0	0.15	0	10
Feb	9.5	4.1	1.3	8.7	6	19.7	0.001	0.06	0.97	0	0.14	0	10
Mar	9.6	5.2	1.7	8.6	5	19.8	0.001	0.04	0.94	0	0.12	0	12
Apr	9.7	8.5	2.0	8.5	5	19.5	0.001	0.05	0.96	0	0.22	0	8
May	9.7	11.7	2.7	9.9	5	20.4	0.001	0.03	1.07	0	0.19	0	6
Jun	9.7	13.8	2.8	10.2	5	20.6	0.001	0.04	1.09	0	0.12	0	10
Minimum	9.5	4.0	1.3	8.5	4	19.5	0.001	0.03	0.94	0	0.04	0	6
Maximum	9.7	14.9	4.7	15.9	6	21.7	0.003	0.06	1.09	0	0.51	0	19
Average	9.7	10.1	2.7	10.8	5	20.1	0.001	0.04	0.99	0	0.16	0	10

136 Mt. Pleasant Ave., Providence

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.5	2.6	10.6	6	19.3	0.001	0.06	0.99	0	0.14	0	3
Aug	9.6	14.5	2.9	13.0	5	19.7	0.001	0.06	0.94	0	0.10	0	3
Sep	9.6	14.1	4.0	14.8	4	20.2	0.001	0.01	1.04	0	0.22	0	2
Oct	9.6	15.3	4.1	16.7	5	20.2	0.001	0.07	0.98	0	0.17	0	5
Nov	9.8	12.7	3.6	10.7	5	20.2	0.001	0.10	1.00	0	0.19	0	6
Dec	9.7	5.4	2.5	9.3	5	20.2	0.001	0.06	0.94	0	0.25	0	6
Jan	9.7	4.1	2.2	9.0	6	20.0	0.001	0.06	0.96	0	0.22	0	5
Feb	9.5	3.8	1.2	8.6	6	19.9	0.001	0.09	0.86	0	0.10	0	3
Mar	9.6	5.8	1.6	8.5	5	19.6	0.001	0.06	0.97	0	0.25	0	7
Apr	9.6	8.4	2.1	8.5	6	19.5	0.001	0.12	1.00	0	0.23	0	4
May	9.7	11.2	2.8	10.0	5	20.4	0.001	0.09	1.07	0	0.21	0	3
Jun	9.6	13.9	2.7	10.1	5	20.4	0.001	0.05	0.92	0	0.36	0	4
Minimum	9.5	3.8	1.2	8.5	4	19.3	0.001	0.01	0.86	0	0.10	0	2
Maximum	9.8	15.3	4.1	16.7	6	20.4	0.001	0.12	1.07	0	0.36	0	7
Average	9.6	10.2	2.7	10.8	5	20.0	0.001	0.07	0.97	0	0.20	0	4

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

151 North Main St., Providence

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.5	13.6	2.7	10.6	8	19.4	0.001	0.17	1.01	0	0.03	0	8
Aug	9.5	13.5	2.7	11.7	6	19.6	0.001	0.09	1.06	0	0.02	0	9
Sep	9.4	15.5	4.6	15.8	12	19.6	0.002	0.33	1.02	0	0.07	0	9
Oct	9.6	15.4	4.9	15.8	5	20.5	0.001	0.06	1.03	0	0.25	0	20
Nov	9.7	10.5	3.4	10.7	25	20.2	0.001	0.54	0.90	0	0.03	0	19
Dec	9.6	5.9	2.2	9.2	7	20.4	0.001	0.16	1.02	0	0.26	0	15
Jan	9.7	4.1	1.6	8.5	7	20.1	0.001	0.11	1.06	0	0.26	0	6
Feb	9.6	4.0	1.4	8.5	12	19.7	0.001	0.27	0.89	0	0.10	0	16
Mar	9.6	5.5	1.8	8.5	6	19.4	0.001	0.12	1.00	0	0.29	0	7
Apr	9.6	8.4	2.1	8.3	16	20.1	0.001	0.30	1.03	0	0.15	0	14
May	9.7	11.6	2.8	10.0	6	20.5	0.001	0.22	1.13	0	0.13	0	7
Jun	9.7	14.4	2.8	10.2	7	20.4	0.001	0.17	1.03	0	0.12	0	9
Minimum	9.4	4.0	1.4	8.3	5	19.4	0.001	0.06	0.89	0	0.02	0	6
Maximum	9.7	15.5	4.9	15.8	25	20.5	0.002	0.54	1.13	0	0.29	0	20
Average	9.6	10.2	2.8	10.7	10	20.0	0.001	0.21	1.02	0	0.14	0	12

1967 Mineral Spring Ave., N. Providence

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.7	2.7	10.6	5	19.6	0.001	0.05	1.02	0	0.07	0	6
Aug	9.6	14.2	3.3	12.8	6	19.4	0.002	0.04	0.96	0	0.05	0	8
Sep	9.6	14.5	3.7	14.5	5	19.8	0.002	0.03	0.98	0	0.04	0	6
Oct	9.6	15.1	4.3	15.9	5	21.1	0.003	0.03	0.97	0	0.06	0	12
Nov	9.8	12.2	4.1	12.9	7	20.1	0.002	0.06	1.03	0	0.05	0	14
Dec	9.8	7.1	2.8	9.8	5	20.3	0.001	0.04	0.98	0	0.04	0	8
Jan	9.7	4.4	2.1	9.3	5	20.4	0.001	0.03	0.99	0	0.06	0	9
Feb	9.7	4.0	1.7	8.7	5	19.6	0.001	0.04	0.92	0	0.04	0	13
Mar	9.6	5.2	1.8	8.7	5	19.8	0.001	0.05	0.93	0	0.04	0	6
Apr	9.6	8.1	2.0	8.4	5	19.7	0.001	0.04	0.91	0	0.06	0	4
May	9.7	11.3	2.6	9.4	5	20.3	0.001	0.05	1.07	0	0.04	0	7
Jun	9.7	13.7	2.6	10.1	5	21.1	0.001	0.03	1.12	0	0.03	0	9
Minimum	9.6	4.0	1.7	8.4	5	19.4	0.001	0.03	0.91	0	0.03	0	4
Maximum	9.8	15.1	4.3	15.9	7	21.1	0.003	0.06	1.12	0	0.07	0	14
Average	9.7	10.3	2.8	10.9	5	20.1	0.001	0.04	0.99	0	0.05	0	9

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

301 Pontiac Ave., Cranston

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	14.3	3.0	10.9	5	19.2	0.001	0.05	0.95	0	0.13	0	8
Aug	9.6	14.1	3.2	12.3	5	20.0	0.002	0.05	0.98	0	0.07	0	22
Sep	9.6	14.8	3.6	14.0	5	20.3	0.002	0.03	0.99	0	0.07	0	7
Oct	9.5	15.0	4.0	16.0	5	20.4	0.002	0.04	1.03	0	0.15	0	10
Nov	9.6	12.5	4.1	11.7	5	20.4	0.002	0.03	1.03	0	0.19	0	8
Dec	9.8	5.3	2.7	9.7	5	19.9	0.001	0.05	0.91	0	0.26	0	6
Jan	9.6	4.2	1.9	9.0	5	19.8	0.001	0.06	0.99	0	0.26	0	8
Feb	9.6	3.7	1.5	8.6	5	19.8	0.001	0.05	0.95	0	0.26	0	6
Mar	9.6	5.6	1.8	8.5	9	19.8	0.001	0.14	0.98	0	0.31	0	8
Apr	9.6	8.5	2.2	8.4	6	20.0	0.001	0.08	0.96	0	0.25	0	6
May	9.6	11.2	2.7	9.5	5	20.3	0.001	0.06	1.04	0	0.26	0	9
Jun	9.6	14.0	2.6	10.1	6	20.5	0.001	0.08	0.96	0	0.31	0	7
Minimum	9.5	3.7	1.5	8.4	5	19.2	0.001	0.03	0.91	0	0.07	0	6
Maximum	9.8	15.0	4.1	16.0	9	20.5	0.002	0.14	1.04	0	0.31	0	22
Average	9.6	10.3	2.8	10.7	6	20.0	0.001	0.06	0.98	0	0.21	0	9

489 Hartford Ave., Providence

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.8	13.0	2.5	10.9	5	19.6	0.001	0.05	0.89	0	0.11	0	14
Aug	9.6	13.3	4.2	12.6	4	19.7	0.001	0.04	1.00	0	0.16	0	9
Sep	9.6	13.9	3.5	14.0	5	19.2	0.001	0.05	1.02	0	0.18	0	11
Oct	9.6	15.6	3.8	15.9	5	20.5	0.001	0.03	0.98	0	0.22	0	16
Nov	9.8	10.3	3.0	10.2	5	20.3	0.001	0.05	1.00	0	0.30	0	13
Dec	9.8	5.9	2.6	9.7	5	20.4	0.001	0.05	0.97	0	0.25	0	2
Jan	9.7	3.9	2.0	8.9	5	19.7	0.001	0.05	1.00	0	0.28	0	5
Feb	9.7	3.7	1.7	8.7	5	19.7	0.001	0.09	0.97	0	0.24	0	4
Mar	9.6	6.3	1.7	8.5	5	19.2	0.001	0.06	0.90	0	0.38	0	4
Apr	9.6	8.9	1.9	8.1	6	19.9	0.001	0.13	1.03	0	0.34	0	6
May	9.7	11.5	2.1	9.3	6	20.2	0.001	0.07	1.07	0	0.29	0	7
Jun	9.7	13.6	2.9	10.0	5	20.5	0.001	0.08	0.96	0	0.28	0	15
Minimum	9.6	3.7	1.7	8.1	4	19.2	0.001	0.03	0.89	0	0.11	0	2
Maximum	9.8	15.6	4.2	15.9	6	20.5	0.001	0.13	1.07	0	0.38	0	16
Average	9.7	10.0	2.7	10.6	5	19.9	0.001	0.06	0.98	0	0.25	0	9

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

1264 Douglas Ave., N. Providence

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.7	2.7	10.6	5	19.2	0.001	0.06	0.96	0	0.11	0	5
Aug	9.6	14.2	3.1	12.7	5	19.7	0.001	0.06	0.95	0	0.09	0	6
Sep	9.6	12.7	3.8	14.9	5	20.4	0.001	0.03	1.00	0	0.13	0	4
Oct	9.6	15.4	4.3	16.3	5	20.6	0.002	0.05	0.97	0	0.13	0	9
Nov	9.7	13.6	4.0	11.8	5	20.2	0.001	0.05	1.00	0	0.22	0	3
Dec	9.7	5.4	2.8	9.8	5	20.0	0.001	0.05	0.94	0	0.26	0	2
Jan	9.7	4.0	1.9	9.0	6	20.1	0.001	0.06	0.96	0	0.22	0	4
Feb	9.5	3.9	1.5	8.5	6	20.0	0.001	0.07	0.90	0	0.19	0	4
Mar	9.6	5.7	1.7	8.5	5	19.3	0.001	0.06	0.94	0	0.22	0	2
Apr	9.6	8.6	1.8	8.5	5	19.8	0.001	0.09	0.92	0	0.33	0	4
May	9.6	11.1	2.7	9.9	6	20.1	0.001	0.08	1.07	0	0.20	0	7
Jun	9.6	13.5	2.8	10.1	5	20.3	0.001	0.04	1.01	0	0.29	0	5
Minimum	9.5	3.9	1.5	8.5	5	19.2	0.001	0.03	0.90	0	0.09	0	2
Maximum	9.7	15.4	4.3	16.3	6	20.6	0.002	0.09	1.07	0	0.33	0	9
Average	9.6	10.2	2.8	10.9	5	20.0	0.001	0.06	0.97	0	0.20	0	5

274 Reservoir Ave., Providence

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.7	2.6	10.6	5	19.0	0.001	0.04	0.94	0	0.26	0	4
Aug	9.6	14.2	3.0	12.3	5	19.7	0.002	0.04	0.97	0	0.21	0	7
Sep	9.6	12.7	4.0	15.1	5	20.3	0.002	0.04	1.01	0	0.24	0	9
Oct	9.6	15.4	4.1	16.4	5	20.4	0.001	0.02	0.96	0	0.31	0	6
Nov	9.8	14.3	4.2	11.5	5	20.4	0.001	0.01	1.01	0	0.32	0	3
Dec	9.7	5.9	2.6	9.5	5	20.3	0.001	0.02	0.96	0	0.40	0	4
Jan	9.6	4.0	2.0	8.9	5	20.2	0.001	0.02	0.95	0	0.40	0	4
Feb	9.5	3.9	1.2	8.2	5	20.0	0.001	0.02	0.91	0	0.36	0	4
Mar	9.5	5.7	1.6	7.2	6	19.2	0.001	0.02	0.92	0	0.43	0	6
Apr	9.5	8.6	1.8	8.4	6	19.9	0.001	0.06	0.95	0	0.37	0	3
May	9.7	10.5	2.3	9.5	5	20.2	0.001	0.05	1.03	0	0.46	0	4
Jun	9.7	13.8	2.8	10.4	5	20.3	0.001	0.03	0.94	0	0.49	0	5
Minimum	9.5	3.9	1.2	7.2	5	19.0	0.001	0.01	0.91	0	0.21	0	3
Maximum	9.8	15.4	4.2	16.4	6	20.4	0.002	0.06	1.03	0	0.49	0	9
Average	9.6	10.2	2.7	10.7	5	20.0	0.001	0.03	0.96	0	0.35	0	5

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

155 Humbolt Ave., Providence

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.2	2.8	10.7	13	19.8	0.001	0.27	1.28	0	0.05	0	11
Aug	9.6	14.5	3.0	12.5	6	19.7	0.001	0.11	0.98	0	0.05	0	17
Sep	9.5	13.7	4.5	14.9	6	19.7	0.002	0.10	0.93	0	0.07	0	7
Oct	9.6	14.9	4.7	15.6	5	20.5	0.003	0.08	1.03	0	0.05	0	13
Nov	9.8	11.5	3.7	11.6	7	20.4	0.001	0.15	1.00	0	0.04	0	16
Dec	9.8	6.3	2.4	9.6	6	20.1	0.001	0.06	1.02	0	0.21	0	10
Jan	9.8	3.8	2.0	9.1	6	20.4	0.001	0.21	1.01	0	0.06	0	12
Feb	9.7	3.9	1.4	8.7	7	20.0	0.001	0.16	0.94	0	0.02	0	4
Mar	9.6	5.9	2.0	8.9	13	19.4	0.001	0.18	0.98	0	0.05	0	12
Apr	9.6	7.6	1.9	8.1	8	19.8	0.001	0.12	0.97	0	0.09	0	7
May	9.7	9.9	2.1	8.5	6	19.7	0.001	0.17	1.03	0	0.04	0	11
Jun	9.6	13.7	3.3	10.5	6	20.5	0.001	0.08	1.06	0	0.08	0	11
Minimum	9.5	3.8	1.4	8.1	5	19.4	0.001	0.06	0.93	0	0.02	0	4
Maximum	9.8	14.9	4.7	15.6	13	20.5	0.003	0.27	1.28	0	0.21	0	17
Average	9.7	9.9	2.8	10.7	7	20.0	0.001	0.14	1.02	0	0.07	0	11

369 Fruit Hill Ave., N. Providence

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.7	13.6	2.6	10.5	6	20.4	0.001	0.06	0.95	0	0.04	0	15
Aug	9.6	14.1	3.4	12.5	5	20.0	0.002	0.05	0.95	0	0.02	0	10
Sep	9.6	13.9	3.5	14.4	5	19.8	0.002	0.03	0.97	0	0.03	0	13
Oct	9.7	15.4	4.4	16.1	5	20.5	0.003	0.04	0.98	0	0.02	0	13
Nov	9.8	11.7	3.7	11.2	5	20.3	0.001	0.04	1.03	0	0.10	0	8
Dec	9.7	5.9	2.5	9.6	6	20.3	0.001	0.07	0.96	0	0.10	0	2
Jan	9.7	4.5	2.4	9.3	5	20.0	0.001	0.06	0.94	0	0.07	0	8
Feb	9.6	3.9	1.6	8.6	5	20.1	0.001	0.06	0.93	0	0.04	0	2
Mar	9.6	5.4	1.8	8.4	5	19.9	0.001	0.07	0.97	0	0.07	0	13
Apr	9.6	8.7	2.0	8.5	6	20.1	0.001	0.09	1.00	0	0.06	0	7
May	9.7	11.4	2.4	9.7	6	20.5	0.001	0.12	1.05	0	0.04	0	5
Jun	9.7	13.9	2.9	10.2	5	20.6	0.001	0.06	0.96	0	0.17	0	10
Minimum	9.6	3.9	1.6	8.4	5	19.8	0.001	0.03	0.93	0	0.02	0	2
Maximum	9.8	15.4	4.4	16.1	6	20.6	0.003	0.12	1.05	0	0.17	0	15
Average	9.7	10.2	2.8	10.8	5	20.2	0.001	0.06	0.97	0	0.06	0	9

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

131 Park Ave., Cranston

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.7	2.7	10.1	5	19.8	0.001	0.05	0.97	0	0.14	0	3
Aug	9.6	14.2	3.2	12.7	5	19.8	0.002	0.04	0.97	0	0.06	0	4
Sep	9.6	12.2	4.3	15.1	5	20.3	0.002	0.03	0.99	0	0.09	0	4
Oct	9.6	15.4	4.6	16.0	17	20.5	0.003	0.32	0.95	0	0.15	0	4
Nov	9.7	13.6	3.8	11.2	5	20.3	0.001	0.05	1.00	0	0.23	0	5
Dec	9.7	5.9	2.7	9.4	5	20.1	0.001	0.05	0.96	0	0.27	0	3
Jan	9.6	4.2	1.7	8.9	5	20.0	0.001	0.04	0.95	0	0.22	0	7
Feb	9.3	3.9	1.3	8.5	5	19.9	0.001	0.06	0.93	0	0.30	0	3
Mar	9.5	5.6	1.5	8.4	5	19.8	0.001	0.07	0.97	0	0.25	0	5
Apr	9.5	8.4	1.9	8.4	6	19.7	0.001	0.11	0.98	0	0.30	0	3
May	9.6	11.1	2.6	9.9	5	20.4	0.001	0.07	1.05	0	0.24	0	5
Jun	9.6	13.8	2.8	10.2	5	20.4	0.001	0.07	0.97	0	0.28	0	6
Minimum	9.3	3.9	1.3	8.4	5	19.7	0.001	0.03	0.93	0	0.06	0	3
Maximum	9.7	15.4	4.6	16.0	17	20.5	0.003	0.32	1.05	0	0.30	0	7
Average	9.6	10.2	2.8	10.7	6	20.1	0.001	0.08	0.97	0	0.21	0	4

630 Atwells Ave.. Providence

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.7	15.5	2.4	9.9	5	19.5	0.001	0.05	0.96	0	0.10	0	4
Aug	9.6	13.4	2.6	12.0	5	19.3	0.001	0.07	0.98	0	0.10	0	20
Sep	9.5	14.4	3.0	13.9	4	21.6	0.002	0.03	0.98	0	0.31	0	8
Oct	9.5	15.8	3.9	15.1	6	20.4	0.001	0.03	1.07	0	0.25	0	8
Nov	9.7	13.2	3.2	10.5	4	19.7	0.001	0.01	1.00	0	0.29	0	14
Dec	9.7	5.3	2.3	9.8	5	20.2	0.001	0.05	0.93	0	0.18	0	4
Jan	9.7	4.2	1.8	8.8	5	20.2	0.001	0.02	1.05	0	0.42	0	22
Feb	9.6	3.5	1.5	8.6	5	20.0	0.001	0.05	0.97	0	0.30	0	10
Mar	9.5	5.5	1.2	8.3	5	19.9	0.001	0.03	0.98	0	0.46	0	13
Apr	9.5	8.5	2.0	8.3	7	19.9	0.001	0.08	0.99	0	0.32	0	4
May	9.6	11.8	2.6	9.7	5	20.0	0.001	0.05	1.09	0	0.35	0	10
Jun	9.6	14.0	2.5	9.9	4	20.8	0.001	0.01	1.07	0	0.38	0	11
Minimum	9.5	3.5	1.2	8.3	4	19.3	0.001	0.01	0.93	0	0.10	0	4
Maximum	9.7	15.8	3.9	15.1	7	21.6	0.002	0.08	1.09	0	0.46	0	22
Average	9.6	10.4	2.4	10.4	5	20.1	0.001	0.04	1.01	0	0.29	0	11

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

Clinton Ave Pump Sta. @ Kent County conn.

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.7	13.7	2.8	10.5	5	19.4	0.001	0.03	0.96	0	0.62	0	8
Aug	9.7	14.1	3.3	12.6	5	19.7	0.001	0.02	0.95	0	0.64	0	8
Sep	9.6	14.2	4.0	14.8	5	19.8	0.001	0.02	0.99	0	0.71	0	7
Oct	9.7	15.3	4.5	16.2	4	20.3	0.001	0.01	0.97	0	0.58	0	9
Nov	9.8	12.3	3.8	11.3	5	20.1	0.001	0.02	1.01	0	0.52	0	8
Dec	9.7	7.1	2.9	10.0	8	20.0	0.001	0.14	0.96	0	0.46	0	6
Jan													
Feb													
Mar	9.7	5.6	1.8	8.3	5	19.7	0.001	0.01	0.95	0	0.51	0	7
Apr	9.7	8.4	2.2	8.4	5	19.7	0.001	0.03	0.96	0	0.47	0	5
May	9.7	11.2	2.6	9.6	5	20.1	0.001	0.03	1.06	0	0.45	0	8
Jun	9.7	13.8	2.9	10.3	4	20.2	0.001	0.02	0.98	0	0.73	0	9
Minimum	9.6	5.6	1.8	8.3	4	19.4	0.001	0.01	0.95	0	0.45	0	5
Maximum	9.8	15.3	4.5	16.2	8	20.3	0.001	0.14	1.06	0	0.73	0	9
Average	9.7	11.6	3.1	11.2	5	19.9	0.001	0.03	0.98	0	0.57	0	8

Oaklawn Ave. @ Kent County conn.

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.6	2.5	10.0	5	19.7	0.001	0.04	0.95	0	0.24	0	7
Aug	9.6	14.1	3.0	12.3	5	19.5	0.001	0.04	0.96	0	0.29	0	8
Sep	9.6	14.4	3.8	14.5	5	19.8	0.002	0.03	0.97	0	0.28	0	5
Oct	9.6	15.6	4.3	16.4	4	20.5	0.001	0.02	0.97	0	0.38	0	10
Nov	9.8	11.9	3.9	12.3	7	20.1	0.001	0.12	0.97	0	0.30	0	10
Dec	9.8	5.7	2.7	9.5	5	20.0	0.001	0.04	0.98	0	0.49	0	4
Jan	9.7	4.1	1.5	8.8	5	20.4	0.001	0.04	0.95	0	0.39	0	7
Feb	9.7	4.8	1.4	8.5	5	20.1	0.002	0.07	0.95	0	0.31	0	4
Mar	9.7	5.2	2.0	8.6	5	19.8	0.001	0.06	0.93	0	0.40	0	6
Apr	9.7	8.4	2.1	8.3	5	19.7	0.001	0.03	0.94	0	0.38	0	4
May	9.7	11.3	2.3	9.6	5	20.2	0.001	0.07	1.08	0	0.41	0	6
Jun	9.7	13.8	2.7	10.0	4	20.4	0.001	0.06	1.02	0	0.44	0	11
Minimum	9.6	4.1	1.4	8.3	4	19.5	0.001	0.02	0.93	0	0.24	0	4
Maximum	9.8	15.6	4.3	16.4	7	20.5	0.002	0.12	1.08	0	0.49	0	11
Average	9.7	10.2	2.7	10.7	5	20.0	0.001	0.05	0.97	0	0.36	0	7

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

Natick Ave Pump Sta. @ Warwick conn.

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.7	13.6	2.6	10.2	5	19.7	0.001	0.03	0.95	0	0.49	0	9
Aug	9.6	14.1	3.0	12.3	5	19.6	0.001	0.02	0.96	0	0.47	0	8
Sep	9.6	14.4	3.8	14.5	4	19.7	0.001	0.01	0.97	0	0.55	0	4
Oct	9.6	15.8	4.2	16.5	5	20.2	0.001	0.01	0.95	0	0.19	0	6
Nov	9.8	11.9	3.8	12.4	4	20.1	0.001	0.02	0.98	0	0.26	0	17
Dec	9.8	5.7	2.3	9.3	5	20.2	0.001	0.01	1.00	0	0.53	0	9
Jan	9.7	4.1	1.6	8.8	5	20.3	0.001	0.02	0.97	0	0.30	0	9
Feb	9.6	4.1	1.4	8.5	5	19.9	0.001	0.01	0.99	0	0.31	0	7
Mar	9.7	5.2	1.9	8.5	5	19.8	0.001	0.02	0.92	0	0.27	0	6
Apr	9.7	8.3	2.1	8.5	5	19.8	0.001	0.02	0.95	0	0.22	0	4
May	9.7	11.3	2.5	9.5	5	20.4	0.001	0.04	1.06	0	0.22	0	6
Jun	9.7	13.8	2.7	10.1	4	20.5	0.001	0.02	0.98	0	0.51	0	8
Minimum	9.6	4.1	1.4	8.5	4	19.6	0.001	0.01	0.92	0	0.19	0	4
Maximum	9.8	15.8	4.2	16.5	5	20.5	0.001	0.04	1.06	0	0.55	0	17
Average	9.7	10.2	2.7	10.8	5	20.0	0.001	0.02	0.97	0	0.36	0	8

1384 Cranston St., Cranston

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.4	2.6	9.8	6	19.4	0.001	0.07	1.03	0	0.11	0	13
Aug	9.6	14.1	3.1	12.1	6	19.9	0.001	0.08	0.96	0	0.03	0	13
Sep	9.5	14.5	3.8	14.7	6	20.2	0.001	0.10	0.97	0	0.03	0	9
Oct	9.7	15.0	4.9	15.6	18	20.2	0.002	0.30	1.03	0	0.06	0	12
Nov	9.7	11.5	3.5	10.9	6	20.0	0.001	0.11	1.01	0	0.17	0	8
Dec	9.7	6.5	2.2	9.1	6	20.2	0.001	0.07	0.98	0	0.33	0	7
Jan	9.7	3.8	1.9	8.9	5	20.0	0.001	0.09	0.99	0	0.22	0	8
Feb	9.6	3.8	1.0	8.3	6	20.0	0.001	0.11	0.92	0	0.26	0	7
Mar	9.6	5.2	1.6	8.4	6	19.6	0.001	0.09	0.97	0	0.23	0	7
Apr	9.6	8.3	2.1	8.3	7	19.9	0.001	0.11	0.99	0	0.18	0	7
May	9.7	10.7	2.4	9.3	6	20.3	0.001	0.12	1.06	0	0.15	0	7
Jun	9.6	13.8	2.9	10.2	5	20.2	0.001	0.10	1.03	0	0.15	0	8
Minimum	9.5	3.8	1.0	8.3	5	19.4	0.001	0.07	0.92	0	0.03	0	7
Maximum	9.7	15.0	4.9	15.6	18	20.3	0.002	0.30	1.06	0	0.33	0	13
Average	9.6	10.1	2.7	10.5	7	20.0	0.001	0.11	1.00	0	0.16	0	9

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

Pettaconsett Ave. @ Warwick conn.

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.6	2.7	10.1	5	19.7	0.001	0.04	0.96	0	0.35	0	6
Aug	9.6	14.1	3.0	12.4	4	19.4	0.001	0.02	0.95	0	0.37	0	8
Sep	9.6	14.4	3.6	14.4	5	19.9	0.001	0.01	0.97	0	0.39	0	5
Oct	9.7	15.7	4.4	15.9	5	20.5	0.001	0.01	0.98	0	0.44	0	9
Nov	9.8	11.9	3.9	12.2	5	20.2	0.001	0.01	0.95	0	0.38	0	14
Dec	9.8	5.7	2.6	9.4	5	20.0	0.001	0.04	1.00	0	0.55	0	5
Jan	9.7	4.1	1.6	8.7	5	20.2	0.001	0.02	0.95	0	0.46	0	7
Feb	9.6	3.6	1.5	8.5	6	19.6	0.001	0.01	0.95	0	0.45	0	5
Mar	9.6	5.4	1.6	8.4	5	19.6	0.001	0.03	0.96	0	0.52	0	5
Apr	9.7	8.7	2.0	8.1	5	20.1	0.001	0.04	0.98	0	0.51	0	5
May	9.7	11.3	2.4	9.4	5	20.6	0.001	0.03	1.03	0	0.52	0	6
Jun	9.7	13.8	2.8	10.1	4	20.7	0.001	0.02	1.01	0	0.50	0	10
Minimum	9.6	3.6	1.5	8.1	4	19.4	0.001	0.01	0.95	0	0.35	0	5
Maximum	9.8	15.7	4.4	15.9	6	20.7	0.001	0.04	1.03	0	0.55	0	14
Average	9.7	10.2	2.7	10.6	5	20.0	0.001	0.02	0.97	0	0.45	0	7

George Waterman Road @ E. Smithfield conn.

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.6	2.6	10.2	6	19.3	0.002	0.04	0.95	0	0.13	0	3
Aug	9.6	14.2	3.1	12.4	5	19.8	0.001	0.04	0.96	0	0.11	0	6
Sep	9.6	13.1	3.9	14.6	4	20.4	0.002	0.01	1.00	0	0.17	0	6
Oct	9.6	15.4	4.2	16.4	5	20.5	0.001	0.02	0.96	0	0.22	0	14
Nov	9.8	13.6	3.9	11.6	5	20.3	0.001	0.03	1.01	0	0.18	0	5
Dec	9.8	5.9	2.6	9.5	5	19.8	0.001	0.05	0.96	0	0.30	0	3
Jan	9.7	4.1	1.9	8.9	5	20.3	0.001	0.05	0.94	0	0.22	0	8
Feb	9.6	3.9	1.6	8.7	5	20.0	0.001	0.03	0.90	0	0.30	0	3
Mar	9.6	5.6	1.8	8.5	5	19.9	0.001	0.04	0.97	0	0.30	0	10
Apr	9.6	8.4	2.0	8.4	5	19.6	0.001	0.06	0.96	0	0.32	0	2
May	9.7	11.1	2.7	9.8	5	20.2	0.001	0.04	1.05	0	0.26	0	5
Jun	9.6	13.8	2.6	10.3	5	20.5	0.001	0.04	0.97	0	0.30	0	5
Minimum	9.6	3.9	1.6	8.4	4	19.3	0.001	0.01	0.90	0	0.11	0	2
Maximum	9.8	15.4	4.2	16.4	6	20.5	0.002	0.06	1.05	0	0.32	0	14
Average	9.7	10.2	2.7	10.8	5	20.1	0.001	0.04	0.97	0	0.23	0	6

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

Aqueduct Reservoir

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.7	2.6	10.3	5	19.5	0.001	0.02	0.94	0	0.26	0	9
Aug	9.6	14.1	3.1	12.3	5	19.9	0.001	0.03	0.94	0	0.23	0	11
Sep	9.6	14.6	3.8	14.6	5	20.0	0.001	0.02	0.95	0	0.27	0	9
Oct	9.6	15.2	4.3	16.0	4	20.4	0.002	0.02	1.00	0	0.15	0	11
Nov	9.8	11.9	3.8	11.4	5	20.3	0.001	0.03	1.02	0	0.08	0	9
Dec	9.7	6.0	2.3	9.5	5	20.0	0.001	0.03	0.94	0	0.20	0	7
Jan	9.7	4.1	1.9	8.9	4	19.9	0.001	0.02	0.97	0	0.14	0	9
Feb	9.6	3.8	1.4	8.3	5	19.9	0.001	0.03	0.95	0	0.16	0	6
Mar	9.6	5.3	1.6	8.3	5	19.8	0.001	0.02	0.96	0	0.17	0	10
Apr	9.6	8.5	2.0	8.2	5	20.0	0.001	0.03	0.97	0	0.11	0	10
May	9.6	11.3	2.4	9.2	5	20.3	0.001	0.03	1.05	0	0.18	0	12
Jun	9.6	13.9	2.6	9.9	4	20.4	0.001	0.02	0.99	0	0.15	0	16
Minimum	9.6	3.8	1.4	8.2	4	19.5	0.001	0.02	0.94	0	0.08	0	6
Maximum	9.8	15.2	4.3	16.0	5	20.4	0.002	0.03	1.05	0	0.27	0	16
Average	9.6	10.2	2.7	10.6	5	20.0	0.001	0.03	0.97	0	0.18	0	10

Waterman Ave. @ E. Smithfield conn.

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.6	2.6	10.2	6	19.3	0.002	0.04	0.95	0	0.13	0	3
Aug	9.6	14.2	3.1	12.4	5	19.8	0.001	0.04	0.96	0	0.11	0	6
Sep	9.6	13.1	3.9	14.6	4	20.4	0.002	0.01	1.00	0	0.17	0	6
Oct	9.6	15.4	4.2	16.4	5	20.5	0.001	0.02	0.96	0	0.22	0	14
Nov	9.8	13.6	3.9	11.6	5	20.3	0.001	0.03	1.01	0	0.18	0	5
Dec	9.8	5.9	2.6	9.5	5	19.8	0.001	0.05	0.96	0	0.30	0	3
Jan	9.7	4.1	1.9	8.9	5	20.3	0.001	0.05	0.94	0	0.22	0	8
Feb	9.6	3.9	1.6	8.7	5	20.0	0.001	0.03	0.90	0	0.30	0	3
Mar	9.6	5.6	1.8	8.5	5	19.9	0.001	0.04	0.97	0	0.30	0	10
Apr	9.6	8.4	2.0	8.4	5	19.6	0.001	0.06	0.96	0	0.32	0	2
May	9.7	11.1	2.7	9.8	5	20.2	0.001	0.04	1.05	0	0.26	0	5
Jun	9.6	13.8	2.6	10.3	5	20.5	0.001	0.04	0.97	0	0.30	0	5
Minimum	9.6	3.9	1.6	8.4	4	19.3	0.001	0.01	0.90	0	0.11	0	2
Maximum	9.8	15.4	4.2	16.4	6	20.5	0.002	0.06	1.05	0	0.32	0	14
Average	9.7	10.2	2.7	10.8	5	20.1	0.001	0.04	0.97	0	0.23	0	6

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

1155 Scituate Ave., Cranston

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.5	14.3	2.5	10.3	5	19.4	0.001	0.03	0.92	0	0.20	0	7
Aug	9.6	14.0	3.1	11.9	4	20.1	0.001	0.03	0.95	0	0.16	0	11
Sep	9.6	14.8	3.6	14.1	4	20.3	0.002	0.01	0.97	0	0.18	0	6
Oct	9.6	15.1	4.5	16.5	5	20.3	0.002	0.02	1.01	0	0.24	0	8
Nov	9.7	12.2	3.7	11.6	5	20.0	0.001	0.02	1.00	0	0.05	0	7
Dec	9.7	5.7	2.4	10.0	5	20.2	0.001	0.02	0.95	0	0.17	0	6
Jan	9.6	4.2	1.7	9.0	5	20.0	0.001	0.01	0.94	0	0.13	0	6
Feb	9.5	3.9	1.3	8.4	5	19.8	0.001	0.01	0.94	0	0.10	0	6
Mar	9.5	5.4	1.6	8.3	5	19.6	0.001	0.02	0.99	0	0.22	0	9
Apr	9.6	8.5	2.0	8.4	5	19.9	0.001	0.02	0.94	0	0.10	0	6
May	9.6	11.2	2.6	9.5	5	20.1	0.002	0.02	1.04	0	0.15	0	15
Jun	9.6	14.0	2.4	9.7	4	20.3	0.001	0.01	1.00	0	0.05	0	16
Minimum	9.5	3.9	1.3	8.3	4	19.4	0.001	0.01	0.92	0	0.05	0	6
Maximum	9.7	15.1	4.5	16.5	5	20.3	0.002	0.03	1.04	0	0.24	0	16
Average	9.6	10.3	2.6	10.6	5	20.0	0.001	0.02	0.97	0	0.15	0	9

744 Allens Ave., Providence

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.5	2.6	10.7	7	19.0	0.002	0.12	0.91	0	0.10	0	7
Aug	9.5	14.4	2.9	12.9	9	19.4	0.002	0.20	0.96	0	0.03	0	14
Sep	9.6	14.2	3.8	14.5	5	20.4	0.002	0.02	0.93	0	0.02	0	34
Oct	9.5	15.4	3.8	16.5	8	20.6	0.003	0.21	0.97	0	0.04	0	
Nov	9.6	11.4	2.8	10.2	7	20.2	0.001	0.17	0.94	0	0.06	0	28
Dec	9.7	6.5	2.8	9.7	5	20.2	0.001	0.04	0.98	0	0.24	0	4
Jan	9.6	4.0	2.0	9.1	5	19.8	0.001	0.07	0.96	0	0.20	0	5
Feb	9.3	3.8	1.0	8.3	6	19.9	0.001	0.08	0.91	0	0.25	0	5
Mar	9.5	5.1	1.3	8.5	5	20.0	0.001	0.06	0.97	0	0.20	0	7
Apr	9.6	8.1	2.0	8.4	6	19.8	0.001	0.10	0.95	0	0.28	0	2
May	9.7	11.7	3.0	10.1	5	20.5	0.001	0.08	1.06	0	0.22	0	12
Jun	9.6	13.4	2.6	10.6	7	20.4	0.001	0.18	0.83	0	0.09	0	6
Minimum	9.3	3.8	1.0	8.3	5	19.0	0.001	0.02	0.83	0	0.02	0	2
Maximum	9.7	15.4	3.8	16.5	9	20.6	0.003	0.21	1.06	0	0.28	0	34
Average	9.6	10.1	2.6	10.8	6	20.0	0.001	0.11	0.95	0	0.14	0	11

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

Dean Ave. @ E. Smithfield conn.

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.4	2.8	10.5	5	19.7	0.001	0.04	1.01	0	0.14	0	5
Aug	9.6	14.1	3.0	12.4	5	19.3	0.002	0.04	0.97	0	0.13	0	6
Sep	9.6	14.4	3.4	14.4	5	20.0	0.001	0.02	0.97	0	0.16	0	7
Oct	9.6	14.9	4.4	16.1	5	20.4	0.001	0.03	1.01	0	0.23	0	10
Nov	9.8	11.5	4.0	11.3	5	20.2	0.001	0.03	1.00	0	0.25	0	14
Dec	9.8	7.3	2.5	9.5	5	20.3	0.001	0.03	1.00	0	0.40	0	6
Jan	9.8	4.2	2.3	9.3	4	20.1	0.001	0.05	0.99	0	0.35	0	11
Feb	9.7	4.0	1.4	8.6	5	20.1	0.001	0.04	0.95	0	0.20	0	9
Mar	9.6	4.7	1.6	8.3	5	19.8	0.001	0.05	0.98	0	0.30	0	5
Apr	9.7	8.2	2.0	8.2	5	19.9	0.001	0.05	1.00	0	0.32	0	7
May	9.8	10.3	2.5	9.3	5	20.3	0.001	0.05	1.05	0	0.22	0	10
Jun	9.7	13.8	3.0	10.3	5	20.4	0.001	0.06	1.04	0	0.31	0	18
Minimum	9.6	4.0	1.4	8.2	4	19.3	0.001	0.02	0.95	0	0.13	0	5
Maximum	9.8	14.9	4.4	16.1	5	20.4	0.002	0.06	1.05	0	0.40	0	18
Average	9.7	10.1	2.7	10.7	5	20.0	0.001	0.04	1.00	0	0.25	0	9

Fruit Hill Storage Tank @ Ridge Rd.

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.6	2.6	10.2	5	19.6	0.001	0.03	0.96	0	0.05	0	12
Aug	9.6	14.1	3.0	12.1	5	19.7	0.001	0.03	0.98	0	0.05	0	7
Sep	9.6	13.7	3.8	14.3	4	20.0	0.002	0.02	0.98	0	0.02	0	7
Oct	9.6	15.2	4.1	15.9	5	20.9	0.003	0.01	0.97	0	0.07	0	16
Nov	9.7	12.7	4.1	12.6	5	20.2	0.002	0.02	0.99	0	0.10	0	20
Dec	9.8	5.8	2.8	9.6	5	20.2	0.001	0.02	0.95	0	0.08	0	6
Jan	9.7	4.0	1.8	8.9	5	20.1	0.001	0.02	0.96	0	0.07	0	5
Feb	9.6	4.1	1.5	8.4	5	19.8	0.001	0.02	0.92	0	0.05	0	6
Mar	9.6	5.4	1.7	8.5	5	19.7	0.001	0.03	0.94	0	0.09	0	8
Apr	9.6	8.4	2.0	8.4	5	19.7	0.001	0.04	0.94	0	0.05	0	5
May	9.6	11.2	2.3	9.2	5	20.6	0.001	0.03	1.06	0	0.02	0	22
Jun	9.6	13.8	2.6	10.0	4	20.5	0.001	0.02	1.02	0	0.11	0	16
Minimum	9.6	4.0	1.5	8.4	4	19.6	0.001	0.01	0.92	0	0.02	0	5
Maximum	9.8	15.2	4.1	15.9	5	20.9	0.003	0.04	1.06	0	0.11	0	22
Average	9.6	10.2	2.7	10.7	5	20.1	0.001	0.02	0.97	0	0.06	0	11

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

Lawton Hills Reservoir

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.6	2.5	10.1	5	19.5	0.001	0.35	0.95	0	0.08	0	10
Aug	9.5	14.1	2.9	12.0	5	19.7	0.001	0.03	0.93	0	0.09	0	8
Sep	9.6	14.5	3.6	14.3	4	20.2	0.001	0.01	0.95	0	0.08	0	7
Oct	9.6	15.4	4.2	16.4	4	20.7	0.002	0.01	0.96	0	0.10	0	9
Nov	9.6	12.7	3.8	13.2	5	20.1	0.002	0.01	0.99	0	0.02	0	9
Dec	9.7	5.8	2.6	9.9	4	20.3	0.001	0.01	0.97	0	0.04	0	5
Jan	9.7	4.0	1.9	9.2	4	20.2	0.001	0.01	0.91	0	0.04	0	5
Feb	9.5	4.1	1.3	8.5	5	19.9	0.001	0.01	0.92	0	0.04	0	5
Mar	9.5	5.3	1.6	8.5	5	19.7	0.001	0.02	0.94	0	0.15	0	8
Apr	9.6	8.4	1.9	8.2	5	19.4	0.001	0.04	0.93	0	0.05	0	3
May	9.6	11.2	2.3	9.1	5	20.1	0.001	0.03	1.04	0	0.07	0	8
Jun	9.6	13.8	2.7	10.0	4	20.5	0.002	0.01	0.99	0	0.08	0	10
Minimum	9.5	4.0	1.3	8.2	4	19.4	0.001	0.01	0.91	0	0.02	0	3
Maximum	9.7	15.4	4.2	16.4	5	20.7	0.002	0.35	1.04	0	0.15	0	10
Average	9.6	10.2	2.6	10.8	5	20.0	0.001	0.05	0.96	0	0.07	0	7

Greenville Pumping Station, Greenville

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	14.2	2.6	10.5	5	19.5	0.001	0.03	0.94	0	0.21	0	8
Aug	9.6	14.0	3.2	12.4	5	19.7	0.001	0.03	0.96	0	0.25	0	10
Sep	9.6	15.0	3.5	14.2	4	20.3	0.001	0.02	0.97	0	0.18	0	3
Oct	9.6	15.5	4.6	16.4	5	20.2	0.001	0.03	1.02	0	0.33	0	14
Nov	9.9	12.5	3.8	11.1	5	20.0	0.001	0.02	1.00	0	0.24	0	12
Dec	9.8	5.5	2.7	9.6	4	20.2	0.001	0.03	0.95	0	0.32	0	3
Jan	9.6	4.1	2.0	8.9	4	19.9	0.001	0.04	0.99	0	0.30	0	6
Feb	9.7	4.0	1.8	8.8	5	19.6	0.001	0.01	0.98	0	0.41	0	4
Mar	9.6	5.6	1.8	8.6	5	19.7	0.001	0.03	0.98	0	0.43	0	7
Apr	9.6	8.6	1.9	8.5	6	20.2	0.001	0.05	0.95	0	0.44	0	10
May	9.7	11.2	2.7	9.7	4	20.4	0.001	0.03	1.04	0	0.41	0	9
Jun	9.6	14.0	2.7	10.1	5	20.6	0.001	0.01	0.99	0	0.51	0	8
Minimum	9.6	4.0	1.8	8.5	4	19.5	0.001	0.01	0.94	0	0.18	0	3
Maximum	9.9	15.5	4.6	16.4	6	20.6	0.001	0.05	1.04	0	0.51	0	14
Average	9.7	10.4	2.8	10.7	5	20.0	0.001	0.03	0.98	0	0.34	0	8

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

Longview Reservoir @ Smithfield conn.

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.7	2.7	10.4	5	19.7	0.001	0.03	0.96	0	0.19	0	12
Aug	9.6	14.0	3.3	12.4	5	19.8	0.001	0.03	0.95	0	0.16	0	9
Sep	9.6	14.6	3.6	14.2	4	20.1	0.001	0.01	0.97	0	0.16	0	8
Oct	9.6	15.3	4.5	16.0	5	20.3	0.002	0.01	1.00	0	0.14	0	16
Nov	9.8	11.9	3.9	11.6	5	20.2	0.001	0.02	1.00	0	0.16	0	10
Dec	9.7	5.7	2.6	9.6	5	20.1	0.001	0.03	0.98	0	0.16	0	5
Jan	9.7	4.1	2.1	9.0	5	20.1	0.001	0.03	0.98	0	0.24	0	7
Feb	9.6	3.8	1.5	8.5	5	19.9	0.001	0.03	0.94	0	0.19	0	6
Mar	9.6	5.3	1.8	8.5	5	19.7	0.001	0.02	0.97	0	0.25	0	10
Apr	9.6	8.5	2.0	8.4	5	19.9	0.001	0.04	0.97	0	0.17	0	6
May	9.7	11.3	2.4	9.4	5	20.5	0.001	0.05	1.05	0	0.18	0	10
Jun	9.6	13.9	2.8	10.2	4	20.4	0.001	0.02	0.98	0	0.30	0	12
Minimum	9.6	3.8	1.5	8.4	4	19.7	0.001	0.01	0.94	0	0.14	0	5
Maximum	9.8	15.3	4.5	16.0	5	20.5	0.002	0.05	1.05	0	0.30	0	16
Average	9.6	10.2	2.8	10.7	5	20.1	0.001	0.03	0.98	0	0.19	0	9

270 Rochambeau Ave., Providence

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.1	2.8	10.4	5	19.2	0.001	0.04	0.99	0	0.23	0	6
Aug	9.6	13.5	3.2	12.5	5	19.1	0.001	0.02	0.94	0	0.26	0	19
Sep	9.6	13.7	3.6	14.4	5	19.5	0.001	0.01	0.88	0	0.29	0	8
Oct	9.6	15.4	4.7	16.3	5	20.3	0.002	0.02	1.00	0	0.32	0	13
Nov	10.0	14.6	5.6	13.0	4	19.6	0.001	0.01	1.07	0	0.38	0	14
Dec	9.7	7.6	2.6	9.4	5	20.3	0.001	0.02	0.96	0	0.89	0	5
Jan	9.6	3.4	1.8	9.0	5	18.3	0.001	0.02	0.98	0	0.49	0	17
Feb	9.7	3.7	1.8	8.5	6	19.9	0.001	0.04	0.95	0	0.38	0	12
Mar	9.5	4.7	1.5	8.4	5	18.8	0.001	0.03	0.96	0	0.42	0	10
Apr	9.7	8.3	2.1	8.4	5	20.0	0.001	0.05	0.98	0	0.34	0	10
May	9.8	11.6	3.5	10.3	5	20.8	0.001	0.01	1.10	0	0.42	0	7
Jun	9.6	14.3	2.8	10.2	5	20.3	0.001	0.03	0.98	0	0.42	0	14
Minimum	9.5	3.4	1.5	8.4	4	18.3	0.001	0.01	0.88	0	0.23	0	5
Maximum	10.0	15.4	5.6	16.3	6	20.8	0.002	0.05	1.10	0	0.89	0	19
Average	9.7	10.3	3.0	10.9	5	19.7	0.001	0.03	0.98	0	0.40	0	11

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

426 Admiral St., Providence

Month	pH	Temp. Deg C	Alkalinity mg/l	Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.2	2.60	11.00	5	20.0	0.001	0.05	0.92	0	0.17	0	6
Aug	9.6	13.9	3.40	12.30	4	19.6	0.001	0.04	0.95	0	0.21	0	10
Sep	9.5	14.7	4.00	14.80	5	20.0	0.001	0.04	0.96	0	0.23	0	13
Oct	9.6	14.9	3.90	16.20	5	20.3	0.001	0.03	0.98	0	0.26	0	16
Nov	9.8	11.5	3.20	10.40	5	20.0	0.001	0.05	1.03	0	0.34	0	3
Dec	9.7	5.4	2.40	9.50	4	20.3	0.001	0.02	0.99	0	0.35	0	5
Jan	9.7	3.7	1.90	8.80	8	20.2	0.001	0.13	0.98	0	0.39	0	3
Feb	9.3	3.6	0.90	8.80	5	19.8	0.001	0.02	0.95	0	0.39	0	3
Mar	9.6	5.2	1.20	8.10	5	19.8	0.001	0.03	0.99	0	0.46	0	4
Apr	9.6	8.4	2.10	8.20	5	20.0	0.001	0.04	1.04	0	0.47	0	1
May	9.6	12.4	2.40	9.50	5	20.2	0.001	0.04	1.06	0	0.44	0	4
Jun	9.6	14.2	2.70	10.40	4	20.2	0.001	0.02	0.93	0	0.42	0	7
Maximum	9.8	14.9	4.00	16.20	8	20.3	0.001	0.13	1.06	0	0.47	0	16
Average	9.6	10.1	2.60	10.70	5	20.0	0.001	0.04	0.98	0	0.34	0	6
Average	9.6	10.2	2.7	10.6	5	19.1	0.001	0.02	0.98	0	0.32	0	6

847 Broad St., Providence

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml
July	9.6	13.2	2.6	10.7	5	19.5	0.001	0.02	0.92	0	0.23	0	7
Aug	9.6	13.8	3.4	12.3	5	19.8	0.001	0.02	0.95	0	0.11	0	7
Sep	9.6	14.7	4.3	14.6	4	20.1	0.002	0.01	0.99	0	0.12	0	6
Oct	9.7	15.3	4.4	15.5	5	10.3	0.001	0.01	0.96	0	0.45	0	11
Nov	9.7	11.5	3.1	10.3	5	20.2	0.001	0.02	1.04	0	0.33	0	3
Dec	9.7	6.3	2.6	9.5	5	20.1	0.001	0.03	0.98	0	0.29	0	7
Jan	9.6	4.2	1.8	8.9	4	20.0	0.001	0.03	0.97	0	0.34	0	4
Feb	9.5	4.0	1.4	8.4	6	19.7	0.001	0.01	0.93	0	0.37	0	4
Mar	9.6	5.1	1.6	8.3	5	19.8	0.001	0.01	0.99	0	0.40	0	4
Apr	9.6	8.5	2.1	8.4	5	20.0	0.001	0.03	0.99	0	0.38	0	6
May	9.7	12.1	2.5	9.8	5	19.8	0.001	0.06	1.13	0	0.43	0	11
Minimum	9.5	4.0	1.4	8.3	3	10.3	0.001	0.01	0.92	0	0.11	0	3
Maximum	9.7	15.3	4.4	15.5	6	20.4	0.002	0.06	1.13	0	0.45	0	11

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2008

552 Academy Ave., Providence

Month	pH	Temp. Deg C	Phen. Alkalinity mg/l	Total Alkalinity mg/l	Color PtCo	Chloride mg/l	Nitrites mg/l	Iron mg/l	Fluoride mg/l	Taste/ Odor	Free Res. Chlorine mg/l	T. Coli MF 100 ml	35 C HPC ml	Total Hardness mg/l	Manganese mg/l
July	9.6	13.7	2.70	10.50	6	19.3	0.001	0.07	0.97	0	0.19	0	6	35.50	0.01
Aug	9.6	14.1	3.30	12.60	5	19.6	0.001	0.06	0.93	0	0.18	0	6	39.70	0.01
Sep	9.6	14.6	3.90	14.70	5	20.0	0.001	0.03	0.99	0	0.26	0	7	40.90	0.01
Oct	9.6	15.3	4.50	16.20	5	20.4	0.001	0.04	1.00	0	0.30	0	8	42.30	0.01
Nov	9.8	12.3	3.50	11.10	5	20.3	0.001	0.04	1.00	0	0.34	0	7	38.00	0.01
Dec	9.7	5.8	2.50	9.50	5	20.1	0.001	0.04	0.95	0	0.39	0	5	35.90	0.01
Jan	9.6	4.1	1.90	8.90	5	20.1	0.001	0.03	0.99	0	0.39	0	5	37.30	0.01
Feb	9.6	3.9	1.50	8.50	5	19.9	0.001	0.05	0.93	0	0.33	0	4	35.40	0.01
Mar	9.6	5.4	1.70	8.40	5	19.6	0.001	0.05	0.97	0	0.40	0	7	34.60	0.01
Apr	9.6	8.4	2.20	8.50	5	19.9	0.001	0.06	0.95	0	0.43	0	6	34.10	0.01
May	9.7	11.2	2.70	9.80	5	20.1	0.001	0.07	1.07	0	0.36	0	6	35.40	0.01
Jun	9.6	13.8	2.80	10.30	5	20.5	0.001	0.05	0.99	0	0.42	0	8	36.80	0.01
Minimum	9.6	3.9	1.50	8.40	5	19.3	0.001	0.03	0.93	0	0.18	0	4	34.10	0.01
Maximum	9.8	15.3	4.50	16.20	6	20.5	0.001	0.07	1.07	0	0.43	0	8	42.30	0.01
Average	9.6	10.2	2.80	10.80	5	20.0	0.001	0.05	0.98	0	0.33	0	6	37.20	0.01

TABLE 12

CHARACTERISTICS OF WATER IN VARIOUS STAGES OF THE TREATMENT PROCESS

YEAR ENDING JUNE 30, 2008

RAW WATER (AM)

MONTH	PH (s.u.)	TEMP (°C)	CO2 ACIDITY (mg/l)	ALKALINITY (mg/l)	COLOR (std.units)	CHLORIDES (mg/l)	NITRITES (mg/l)	IRON (mg/l)	MANGANESE (mg/l)	TURBIDITY (ntu)	CaCO3 HARDNESS (mg/l)	TASTE/ ODOR	FLUORIDE (mg/l)	COLIFORM BACTERIA (MF/100ml)	35C HPC (ml)	TOTAL COLI MPN (100mls)	FECAL COLI MPN (100mls)
JUL	6.0	12.6	6.0	4.2	21	18.2	0.001	0.07	0.01	0.27	11.1	0.00	0.12	3	80	3	0
AUG	6.0	13.1	7.8	4.4	20	18.4	0.002	0.08	0.05	0.31	11.0	0.00	0.12	4	95	3	1
SEP	5.9	14.0	9.7	5.1	24	18.8	0.004	0.21	0.24	0.62	11.4	0.00	0.13	12	66	11	4
OCT	6.0	15.4	10.1	5.7	29	18.9	0.004	0.42	0.42	1.48	12.0	0.00	0.13	43	96	33	27
NOV	6.5	12.7	3.4	5.2	16	19.6	0.001	0.11	0.03	0.53	11.7	0.00	0.13	34	82	31	24
DEC	6.4	7.7	2.8	5.2	13	19.6	0.001	0.09	0.01	0.45	11.4	0.00	0.13	10	24	5	4
JAN	6.5	5.5	2.8	5.2	13	19.3	0.001	0.08	0.01	0.46	10.9	0.00	0.13	3	31	1	1
FEB	6.4	5.5	3.2	4.7	16	19.0	0.002	0.08	0.01	0.47	11.1	0.00	0.13	5	54	1	1
MAR	6.4	6.5	3.1	4.6	17	19.3	0.002	0.07	0.01	0.48	14.1	0.00	0.12	4	55	1	1
APR	6.3	9.1	3.2	4.1	20	19.4	0.001	0.06	0.01	0.42	11.3	0.00	0.12	6	36	2	1
MAY	6.2	10.9	3.8	4.0	16	19.1	0.001	0.05	0.01	0.33	10.7	0.00	0.12	6	32	2	0
JUN	6.1	13.0	5.0	4.1	17	19.5	0.001	0.06	0.02	0.32	11.3	0.00	0.12	8	52	6	2
AVERAGE	6.2	10.5	5.1	4.7	19	19.1	0.002	0.12	0.07	0.51	11.5	0.00	0.13	12	59	8	6

RAW WATER (PM)

MONTH	PH (s.u.)	TEMP (°C)	CO2 ACIDITY (mg/l)	TOTAL ALKALINITY (mg/l)	COLOR (std.units)	CHLORIDES (mg/l)	NITRITES (mg/l)					TASTE/ ODOR		COLIFORM BACTERIA (MF/100ml)	35C HPC (ml)		
JUL	6.0	12.9	6.0	4.2	20	18.4	0.001					0.00		3	82		
AUG	6.0	13.5	7.8	4.3	21	18.5	0.001					0.00		3	93		
SEP	5.9	14.1	9.6	5.1	23	18.7	0.005					0.00		10	68		
OCT	6.0	15.9	9.2	5.7	29	19.0	0.004					0.00		44	108		
NOV	6.5	13.6	3.0	5.1	16	19.6	0.001					0.00		36	86		
DEC	6.4	8.0	2.7	5.1	13	19.5	0.001					0.00		9	28		
JAN	6.5	6.2	2.8	5.2	13	19.2	0.001					0.00		3	37		
FEB	6.3	6.1	2.8	4.7	16	19.2	0.001					0.00		4	53		
MAR	6.4	7.1	2.9	4.5	17	19.1	0.001					0.00		3	55		
APR	6.3	9.7	3.2	4.1	21	19.3	0.001					0.00		4	39		
MAY	6.2	11.2	3.7	4.0	16	19.2	0.001					0.00		5	33		
JUN	6.1	13.2	4.9	4.0	17	19.6	0.001					0.00		9	52		
AVERAGE	6.2	11.0	4.9	4.7	19	19.1	0.002					0.00		11	61		

TABLE 12 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS STAGES OF THE TREATMENT PROCESS

YEAR ENDING JUNE 30, 2008

PLANT AERATED INFLUENT (AM)					
MONTH	PH (s.u.)	TEMP (°C)	CO2 ACIDITY (mg/l)	PHEN. ALKALINITY (mg/l)	TOTAL ALKALINITY (mg/l)
JUL	3.8	12.6	19.5		
AUG	3.8	13.2	20.9		
SEP	3.9	14.0	18.8		
OCT	3.8	15.5	19.2		
NOV	3.8	13.1	19.3		
DEC	3.8	7.7	21.4		
JAN	3.8	5.4	20.4		
FEB	3.8	5.6	19.1		
MAR	3.9	6.7	17.5		
APR	3.8	9.4	16.5		
MAY	3.8	10.9	17.8		
JUN	3.8	13.1	18.9		
AVERAGE	3.8	10.6	19.1		

PLANT AERATED INFLUENT (PM)					
MONTH	PH (s.u.)	TEMP (°C)	CO2 ACIDITY (mg/l)	PHEN. ALKALINITY (mg/l)	TOTAL ALKALINITY (mg/l)
JUL	3.8	12.9	19.3		
AUG	3.8	13.8	20.8		
SEP	3.9	14.2	18.0		
OCT	3.8	15.9	18.4		
NOV	3.8	13.5	19.3		
DEC	3.8	7.9	20.5		
JAN	3.8	6.3	20.0		
FEB	3.8	6.2	18.5		
MAR	3.8	7.2	17.1		
APR	3.8	9.8	15.9		
MAY	3.8	11.3	17.5		
JUN	3.8	13.4	18.6		
AVERAGE	3.8	11.0	18.7		

PLANT MIX (AM)				
MONTH	PH (s.u.)	TEMP (°C)	PHEN. ALKALINITY (mg/l)	TOTAL ALKALINITY (mg/l)
JUL	7.1	13.0		7.2
AUG	7.0	13.5		8.5
SEP	7.0	14.3		10.4
OCT	6.9	15.4		11.2
NOV	6.9	12.5		6.7
DEC	6.8	6.6		6.8
JAN	6.9	4.7		6.8
FEB	6.9	4.5		6.3
MAR	6.9	5.6		5.6
APR	7.0	8.7		5.8
MAY	7.2	10.9		6.6
JUN	7.2	13.3		7.1
AVERAGE	7.0	10.3		7.4

PLANT MIX (PM)				
MONTH	PH (s.u.)	TEMP (°C)	PHEN. ALKALINITY (mg/l)	TOTAL ALKALINITY (mg/l)
JUL	7.0	13.8		7.1
AUG	7.0	13.9		8.4
SEP	6.8	14.8		10.2
OCT	6.9	16.1		11.0
NOV	6.7	13.1		6.5
DEC	6.8	6.8		7.0
JAN	7.0	5.3		6.9
FEB	6.9	5.0		6.4
MAR	6.8	6.5		5.4
APR	7.0	9.6		5.7
MAY	7.1	11.4		6.4
JUN	7.2	13.8		7.1
AVERAGE	6.9	10.8		7.3

TABLE 12 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS STAGES OF THE TREATMENT PROCESS

YEAR ENDING JUNE 30 , 2008

PLANT SETTLED WATER

MONTH	PH (s.u.)	TEMP (°C)	PHEN. ALKALINITY (mg/l)	TOTAL ALKALINITY (mg/l)	COLOR (std.units)			IRON (mg/l)	MANGANESE (mg/l)	TURBIDITY (ntu)	TASTE/ ODOR	TOTAL RESIDUAL CHLORINE (mg/l)	FREE RESIDUAL CHLORINE (mg/l)	COLIFORM BACTERIA (100mls)	35C HPC (ml)
JUL	10.0	13.6	5.1	13.1	22			0.74	0.01	0.52	0	1.12	0.96	0	10
AUG	10.0	14.0	6.0	15.3	21			0.67	0.04	0.49	0	1.17	0.98	0	12
SEP	10.0	14.4	6.7	17.8	21			0.54	0.17	0.55	0	1.47	1.14	0	8
OCT	10.0	15.3	7.2	19.1	21			0.45	0.31	0.61	0	1.49	1.30	0	11
NOV	10.1	12.2	5.8	13.0	14			0.35	0.02	0.29	0	1.02	0.92	0	6
DEC	10.2	6.4	5.0	11.9	14			0.53	0.01	0.37	0	0.94	0.83	0	4
JAN	10.2	4.8	4.4	11.7	14			0.52	0.01	0.41	0	0.96	0.79	0	6
FEB	10.1	4.3	4.1	10.8	17			0.61	0.01	0.45	0	0.99	0.83	0	5
MAR	10.1	5.9	4.5	11.1	17			0.57	0.01	0.48	0	1.09	0.93	0	7
APR	10.1	8.7	4.7	11.2	32			1.53	0.02	0.88	0	1.18	1.03	0	8
MAY	10.1	11.3	5.3	12.5	23			0.99	0.01	0.68	0	1.17	1.01	0	8
JUN	10.0	14.0	5.2	12.8	18			0.69	0.02	0.46	0	1.28	1.11	0	9
AVERAGE	10.1	10.4	5.3	13.4	20			0.68	0.05	0.52	0	1.16	0.99	0	8

PLANT FILTERED WATER

MONTH	PH (s.u.)	TEMP (°C)	PHEN. ALKALINITY (mg/l)	TOTAL ALKALINITY (mg/l)	COLOR (std.units)	CHLORIDES (mg/l)	NITRITES (mg/l)	IRON (mg/l)		TURBIDITY (ntu)	TASTE/ ODOR	TOTAL RESIDUAL CHLORINE (mg/l)	FREE RESIDUAL CHLORINE (mg/l)	COLIFORM BACTERIA (100mls)	35C HPC (ml)
JUL	10.0	13.7	5.2	13.1	5	18.8	0.001	0.03		0.10	0	0.99	0.81	0	5
AUG	10.0	14.0	5.9	15.2	5	19.6	0.001	0.02		0.10	0	1.03	0.83	0	8
SEP	10.0	14.6	6.5	17.1	4	19.6	0.001	0.02		0.08	0	1.17	0.86	0	6
OCT	10.0	15.4	7.1	19.0	5	20.2	0.002	0.02		0.09	0	1.08	0.92	0	8
NOV	10.2	12.3	5.9	13.0	5	19.7	0.001	0.02		0.09	0	0.89	0.81	0	6
DEC	10.2	6.4	5.1	11.9	5	19.9	0.001	0.02		0.09	0	0.88	0.76	0	5
JAN	10.2	5.1	4.3	11.2	5	19.6	0.001	0.02		0.10	0	0.90	0.72	0	5
FEB	10.1	4.8	4.1	10.7	5	19.8	0.001	0.02		0.10	0	0.91	0.76	0	5
MAR	10.1	6.2	4.4	10.9	5	19.6	0.001	0.02		0.11	0	1.00	0.84	0	6
APR	10.1	8.8	4.5	10.9	6	19.8	0.001	0.04		0.11	0	1.03	0.88	0	6
MAY	10.1	11.5	5.1	12.0	5	19.9	0.001	0.03		0.11	0	1.03	0.88	0	7
JUN	10.0	14.1	5.3	12.6	4	20.3	0.001	0.02		0.09	0	1.11	0.97	0	7
AVERAGE	10.1	10.6	5.3	13.1	5	19.7	0.001	0.02		0.10	0	1.00	0.84	0	6

TABLE 12 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS STAGES OF THE TREATMENT PROCESS

YEAR ENDING JUNE 30, 2008

PLANT EFFLUENT (AM)

MONTH	PH (s.u.)	TEMP (°C)	PHEN. ALKALINITY (mg/l)	TOTAL ALKALINITY (mg/l)	COLOR (std.units)	CHLORIDES (mg/l)	NITRITES (mg/l)	IRON (mg/l)	MANGANESE (mg/l)	TURBIDITY (ntu)	CaCO3 HARDNESS (mg/l)	TASTE/ ODOR	TOTAL RESIDUAL CHLORINE (mg/l)	FREE RESIDUAL CHLORINE (mg/l)	FLUORIDE (mg/l)	COLIFORM BACTERIA (100mls)	35C HPC (ml)
JUL	10.0	13.7	5.2	12.9	5	18.9	0.001	0.02	0.01	0.09	36	0.00	0.97	0.79	0.12	0	6
AUG	10.0	13.9	5.9	15.2	5	19.7	0.001	0.02	0.01	0.08	39	0.00	1.02	0.80	0.12	0	11
SEP	9.9	14.7	6.4	17.3	4	19.7	0.001	0.01	0.01	0.07	41	0.00	1.15	0.83	0.13	0	9
OCT	10.0	15.3	7.0	18.8	5	20.2	0.001	0.01	0.01	0.07	42	0.00	1.05	0.87	0.13	0	16
NOV	10.1	12.5	5.9	13.1	4	19.8	0.001	0.02	0.01	0.07	39	0.00	0.88	0.78	0.14	0	8
DEC	10.2	6.5	5.0	11.8	4	20.0	0.001	0.01	0.01	0.08	35	0.00	0.86	0.73	0.13	0	4
JAN	10.1	5.1	4.3	11.3	4	20.0	0.001	0.02	0.01	0.08	37	0.00	0.87	0.69	0.14	0	7
FEB	10.1	4.8	4.1	10.8	5	19.9	0.001	0.02	0.01	0.08	36	0.00	0.86	0.70	0.13	0	5
MAR	10.1	6.2	4.4	10.9	5	19.7	0.001	0.02	0.01	0.09	33	0.00	0.96	0.80	0.12	0	8
APR	10.2	8.8	4.6	11.0	5	19.7	0.001	0.03	0.01	0.09	34	0.00	1.00	0.83	0.13	0	6
MAY	10.1	11.4	5.2	12.1	4	19.9	0.001	0.02	0.01	0.09	35	0.00	1.01	0.86	0.12	0	8
JUN	10.0	13.9	5.4	12.6	4	20.3	0.001	0.01	0.01	0.08	37	0.00	1.11	0.96	0.13	0	8
AVERAGE	10.1	10.6	5.3	13.2	5	19.8	0.001	0.02	0.01	0.08	37	0.00	0.98	0.80	0.13	0	8

PLANT EFFLUENT (PM)

MONTH	PH (s.u.)	TEMP (°C)	PHEN. ALKALINITY (mg/l)	TOTAL ALKALINITY (mg/l)	COLOR (std.units)	CHLORIDES (mg/l)	NITRITES (mg/l)					TASTE/ ODOR				COLIFORM BACTERIA (100mls)	35C HPC (ml)
JUL	10.0	14.6	5.2	12.8	5	18.8	0.001					0.00				0	6
AUG	10.0	14.5	5.8	15.1	5	19.5	0.001					0.00				0	6
SEP	9.9	15.1	6.4	17.0	4	19.6	0.001					0.00				0	8
OCT	10.0	15.8	7.0	18.8	5	20.2	0.002					0.00				0	10
NOV	10.1	12.9	6.0	13.1	4	19.9	0.001					0.00				0	7
DEC	10.2	6.7	4.9	11.8	4	19.8	0.001					0.00				0	5
JAN	10.2	5.3	4.4	11.4	4	19.6	0.001					0.00				0	8
FEB	10.1	5.4	4.0	10.7	5	19.8	0.001					0.00				0	4
MAR	10.1	6.8	4.5	11.2	4	19.7	0.001					0.00				0	6
APR	10.1	9.7	4.6	10.9	5	19.7	0.001					0.00				0	7
MAY	10.1	12.0	5.1	12.1	5	20.0	0.001					0.00				0	5
JUN	10.0	14.4	5.3	12.6	4	20.3	0.001					0.00				0	9
AVERAGE	10.1	11.1	5.3	13.1	5	19.7	0.001					0.00				0	7

TABLE 13

SANITARY CHEMICAL ANALYSIS

YEAR ENDING JUNE 30, 2008

RAW WATER (QUARTERLY)	AMMONIA - N (mg/l)	NITRATES (mg/l)	SULFATES (mg/l)	TEMP (°C)	DISSOLVED OXYGEN (mg/l)	DISSOLVED OXYGEN (% sat.)	TOTAL DISSOLVED SOLIDS (mg/l)	VOLATILE DISSOLVED SOLIDS (mg/l)	SILICA (mg/l)	ORTHO-PHOSPHATE (mg/l)	EPA ALKALINITY (mg/l)	PHENOLS (mg/l)	CONDUCTIVITY (µohms)
JUL- SEP	0.012	0.13	5.0	10.9	7.8	84	63	34	4.5	< 0.03	2.4		85
OCT- DEC	< 0.020	< 0.10	5.0	14.0	3.5	40.2	57	19	4.1	< 0.03	3.4		99
JAN - MAR	< 0.020	< 0.10	5.0	3.3	12.5	111.7	66	33	3.8	< 0.02	3.3		87
APR - JUN	< 0.020	< 0.10	8.0	6.3	12.3	118.2	59	14	4.5	0.03	2.4	< 0.01	71
AVERAGE	< 0.02	0.11	5.8	8.6	9.0	88.5	61	25	4.2	0.03	2.9	< 0.01	86

PLANT EFFLUENT (QUARTERLY)	AMMONIA - N (mg/l)	NITRATES (mg/l)	SULFATES (mg/l)	TEMP (°C)	DISSOLVED OXYGEN (mg/l)	DISSOLVED OXYGEN (% sat.)	TOTAL DISSOLVED SOLIDS (mg/l)	VOLATILE DISSOLVED SOLIDS (mg/l)	SILICA (mg/l)	ORTHO - PHOSPHATE (mg/l)	EPA ALKALINITY (mg/l)	PHENOLS (mg/l)	CONDUCTIVITY (µohms)
JUL- SEP	< 0.069	0.14	21.0	13.7	6.5	74.6	90	16	3.8	< 0.03	11.2		141
OCT- DEC	< 0.020	< 0.10	22.0	14.7	7.2	84.3	84	20	3.9	< 0.03	17.3		160
JAN - MAR	< 0.020	< 0.10	25.0	3.3	13.2	117.9	90	71	3.7	< 0.02	9.8		146
APR - JUN	< 0.020	< 0.10	26.0	7.2	12.4	122	87	18	3.9	0.06	9.1	< 0.01	114
AVERAGE	< 0.032	0.11	23.5	9.7	9.8	99.7	88	31	3.8	0.04	11.9	< 0.01	140

TAP WATER (QUARTERLY)	AMMONIA - N (mg/l)	NITRATES (mg/l)	SULFATES (mg/l)	TEMP (°C)		TOTAL DISSOLVED SOLIDS (mg/l)	VOLATILE DISSOLVED SOLIDS (mg/l)	SILICA (mg/l)	ORTHO - PHOSPHATE (mg/l)		PHENOLS (mg/l)	CONDUCTIVITY (µohms)
JUL- SEP	< 0.020	0.13	23.0	18.6		73	13	4.3	< 0.03			142
OCT- DEC	< 0.020	< 0.10	22.0	18.4		63	17	4.2	< 0.03			159
JAN - MAR	< 0.020	< 0.10	27.0	3.3		91	36	3.7	< 0.02			150
APR - JUN	< 0.021	< 0.10	24.0	10.8		63	4	4.0	0.05		< 0.01	137
AVERAGE	< 0.020	0.11	24.0	12.8		73	18	4.1	0.03		< 0.01	147

NOTE :
ND = None Detected
LA = Lab Accident

TABLE 14

WATER DISTRIBUTION SYSTEM
AQUEDUCT DISTRIBUTION RESERVOIR OPERATING STATISTICS

YEAR ENDING JUNE 30, 2008

	7 AM STATISTICS ON FIRST DAY OF MONTH		MONTHLY OPERATING STATISTICS											
			WATER ELEVATION AND STORAGE						DAILY FLUCTUATION					
	ELEVATION	STORAGE	WATER ELEV (MHW)			STORAGE (MG)			WATER LEVEL (FT)			STORAGE (MG)		
MONTH	(MHW)	(MG)	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG
JUL	229.34	40.62	230.34	224.90	229.12	42.30	33.00	40.24	4.56	0.26	2.23	7.82	0.45	3.83
AUG	229.78	41.37	230.13	226.15	229.19	41.96	35.14	40.36	3.41	0.75	1.83	5.85	1.29	3.14
SEP	229.00	40.03	230.04	224.57	228.70	41.81	32.43	39.52	5.03	0.76	2.68	8.63	1.30	4.60
OCT	228.54	39.24	232.37	223.47	227.85	45.67	30.55	38.06	6.40	0.56	2.79	10.98	0.96	4.79
NOV	226.51	35.76	229.05	223.72	227.43	40.12	30.97	37.34	4.21	0.74	2.29	7.22	1.27	3.93
DEC	228.57	39.30	229.21	220.40	227.37	40.39	25.28	37.24	8.81	0.42	2.41	15.12	0.72	4.14
JAN	227.10	36.77	232.02	224.37	227.37	45.09	32.09	37.24	7.23	1.38	2.39	12.41	2.37	4.10
FEB	226.97	36.55	229.35	221.43	227.32	40.63	27.05	37.15	6.03	0.74	2.33	10.35	1.27	4.00
MAR	228.03	38.37	228.57	224.18	227.40	39.30	31.76	37.29	3.67	0.75	2.02	6.30	1.29	3.47
APR	227.57	37.58	228.68	224.82	227.63	39.49	32.86	37.68	3.78	1.30	2.39	6.49	2.23	4.10
MAY	227.47	37.41	232.00	223.54	227.60	45.06	30.67	37.63	6.02	0.76	2.27	10.33	1.30	3.89
JUN	227.88	38.11	230.13	223.46	228.55	41.96	30.53	39.26	4.42	1.40	2.76	7.58	2.40	4.74
AVG					**227.96**			**38.25**			**2.37**			**4.06**

NOTES:
(1) Storage capacity at overflow elevation of 231.00 = 43,400,000 gallons
(2) Elevations are in feet above Mean High Water (MHW) in Providence Harbor

TABLE 15

WATER DISTRIBUTION SYSTEM
NEUTACONKANUT DISTRIBUTION RESERVOIR OPERATING STATISTICS

YEAR ENDING JUNE 30, 2008

	7 AM STATISTICS ON FIRST DAY OF MONTH		MONTHLY OPERATING STATISTICS											
			WATER ELEVATION AND STORAGE						DAILY FLUCTUATION					
	ELEVATION	STORAGE	WATER ELEV FT (MHW)			STORAGE (MG)			WATER LEVEL (FT)			STORAGE (MG)		
MONTH	(MHW)	(MG)	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG
JUL	225.60	39.64	226.70	221.00	224.67	41.57	31.54	38.00	4.50	0.26	2.19	7.92	0.46	3.85
AUG	224.70	38.05	226.40	222.50	225.05	41.04	34.18	38.67	2.40	0.60	1.41	4.22	1.06	2.48
SEP(3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OCT(3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NOV (3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DEC (3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
JAN (3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FEB (3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAR (3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
APR (3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAY (3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
JUN (3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AVG					224.86			38.33			1.80			3.17

NOTES:
(1) Storage capacity at overflow elevation of 227.00 = 42,090,000 gallons
(2) Elevations are in feet above Mean High Water (MHW) in Providence Harbor
(3) Drained for maintenance from September 2007 to June 2008.

TABLE 16

WATER DISTRIBUTION SYSTEM
LONGVIEW DISTRIBUTION RESERVOIR OPERATING STATISTICS

YEAR ENDING JUNE 30, 2008

	7 AM STATISTICS ON FIRST DAY OF MONTH		MONTHLY OPERATING STATISTICS											
			WATER ELEVATION AND STORAGE						DAILY FLUCTUATION					
	ELEVATION	STORAGE	WATER ELEV FT (MHW)			STORAGE (MG)			WATER LEVEL (FT)			STORAGE (MG)		
MONTH	(MHW)	(MG)	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG
JUL	303.38	22.38	305.55	300.97	304.63	24.39	20.14	23.54	4.36	1.76	3.13	4.05	1.63	2.90
AUG	304.82	23.71	305.65	300.23	304.43	24.48	19.45	23.35	4.52	1.67	3.34	4.19	1.55	3.10
SEP	302.68	21.73	305.55	300.42	304.94	24.39	19.63	23.82	4.70	1.49	3.76	4.36	1.38	3.49
OCT	305.26	24.12	305.55	300.32	304.73	24.39	19.54	23.63	5.03	1.27	3.52	4.67	1.18	3.27
NOV	304.59	23.50	305.91	300.67	304.64	24.72	19.86	23.55	4.71	1.09	3.05	4.37	1.01	2.83
DEC	305.38	24.23	305.55	300.03	304.69	24.39	19.27	23.59	5.08	1.69	3.42	4.71	1.57	3.17
JAN	304.89	23.78	305.72	299.98	304.73	24.55	19.22	23.63	5.34	2.05	3.50	4.96	1.90	3.25
FEB	304.84	23.73	305.63	300.91	304.42	24.46	20.08	23.34	4.80	1.98	3.80	4.45	1.84	3.53
MAR	304.85	23.74	305.70	299.79	304.90	24.53	19.05	23.79	5.91	1.95	3.72	5.48	1.81	3.45
APR	304.05	23.00	306.40	301.00	304.84	25.18	20.17	23.73	5.23	2.12	3.58	4.85	1.97	3.32
MAY	304.28	23.21	305.57	300.69	304.71	24.41	19.88	23.61	4.33	2.50	3.61	4.02	2.32	3.35
JUN	303.41	22.40	305.65	300.30	303.94	24.48	19.52	22.90	4.75	1.41	3.05	4.41	1.31	2.83
YEAR					304.63			23.54			3.46			3.21

NOTES:
(1) Storage capacity at overflow elevation of 306.00 = 24,810,000 gallons.
(2) Elevations are in feet above Mean High Water (MHW) in Providence Harbor

TABLE 17

WATER DISTRIBUTION SYSTEM
LAWTON HILL DISTRIBUTION RESERVOIR OPERATING STATISTICS

YEAR ENDING JUNE 30, 2008

	7 AM STATISTICS ON FIRST DAY OF MONTH		MONTHLY OPERATING STATISTICS											
			WATER ELEVATION AND STORAGE						DAILY FLUCTUATION					
	ELEVATION	STORAGE	WATER ELEV (MHW)			STORAGE (MG)			WATER LEVEL (FT)			STORAGE (MG)		
MONTH	(MHW)	(MG)	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG
JUL	481.03	4.13	484.50	475.00	480.67	5.02	2.58	4.04	9.17	3.03	3.85	2.34	0.77	0.98
AUG	481.21	4.18	484.49	478.00	480.70	5.02	3.35	4.05	6.50	3.22	3.96	1.66	0.82	1.01
SEP	480.52	4.00	484.25	476.06	480.97	4.96	2.85	4.11	8.11	3.17	3.79	2.07	0.81	0.97
OCT	481.07	4.14	485.26	478.00	481.98	5.22	3.35	4.38	6.50	3.12	3.55	1.66	0.80	0.90
NOV	482.78	4.58	485.20	480.85	482.30	5.20	4.08	4.46	4.23	3.14	3.22	1.08	0.80	0.82
DEC	481.37	4.22	484.22	480.70	482.36	4.95	4.05	4.47	4.53	2.70	3.18	1.15	0.69	0.81
JAN	483.81	4.85	484.22	480.85	482.31	4.95	4.08	4.46	3.35	2.96	3.17	0.85	0.75	0.81
FEB	483.44	4.75	485.11	480.00	482.25	5.18	3.86	4.44	4.17	3.12	3.28	1.06	0.80	0.84
MAR	480.92	4.10	484.72	478.71	482.43	5.08	3.53	4.49	5.51	3.02	3.33	1.40	0.77	0.85
APR	483.45	4.75	484.34	480.81	482.30	4.98	4.07	4.46	3.33	2.98	3.20	0.85	0.76	0.82
MAY	482.17	4.42	484.82	479.24	481.62	5.11	3.67	4.28	5.08	3.14	3.43	1.29	0.80	0.87
JUN	481.21	4.18	485.00	475.00	480.85	5.15	2.58	4.08	9.09	3.19	3.91	2.32	0.81	1.00
AVG					**481.73**			**4.31**			**3.49**			**0.89**

NOTES:
(1) Storage capacity at overflow elevation of 485.00 = 5,000,000 gallons
(2) Elevations are in feet above Mean High Water (MHW) in Providence Harbor

TABLE 18

WATER DISTRIBUTION SYSTEM
RIDGE ROAD DISTRIBUTION RESERVOIR OPERATING STATISTICS

YEAR ENDING JUNE 30, 2008

	7 AM STATISTICS ON FIRST DAY OF MONTH		MONTHLY OPERATING STATISTICS											
			WATER ELEVATION AND STORAGE						DAILY FLUCTUATION					
	ELEVATION	STORAGE	WATER ELEV (MHW)			STORAGE (MG)			WATER LEVEL (FT)			STORAGE (MG)		
MONTH	(MHW)	(MG)	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG
JUL	392.17	2.99	397.29	391.88	392.45	3.44	2.96	3.01	5.33	4.88	5.13	0.47	0.43	0.45
AUG	392.39	3.01	397.11	391.91	392.40	3.42	2.97	3.01	5.20	4.91	5.11	0.45	0.43	0.45
SEP	392.68	3.03	397.12	391.88	392.45	3.42	2.96	3.01	5.23	5.13	5.15	0.46	0.45	0.45
OCT	393.30	3.09	397.14	391.74	392.79	3.42	2.95	3.04	5.37	5.13	5.15	0.47	0.45	0.45
NOV	392.17	2.99	397.11	391.96	392.75	3.42	2.97	3.04	5.15	4.94	5.12	0.45	0.43	0.45
DEC	392.59	3.02	397.15	391.93	392.69	3.42	2.97	3.03	5.18	5.01	5.13	0.45	0.44	0.45
JAN	393.66	3.12	397.16	391.79	392.91	3.42	2.95	3.05	5.32	5.13	5.14	0.47	0.45	0.45
FEB	392.20	2.99	397.27	391.98	392.55	3.43	2.97	3.02	5.29	5.03	5.13	0.46	0.44	0.45
MAR	392.10	2.98	397.11	391.96	392.51	3.42	2.97	3.02	5.15	5.13	5.13	0.45	0.45	0.45
APR	393.30	3.09	397.14	391.88	392.71	3.42	2.96	3.04	5.23	5.13	5.13	0.46	0.45	0.45
MAY	392.45	3.01	397.11	391.96	392.46	3.42	2.97	3.01	5.15	5.13	5.13	0.45	0.45	0.45
JUN	392.20	2.99	397.12	391.93	392.46	3.42	2.97	3.01	5.18	4.72	5.09	0.45	0.41	0.45
AVG					**392.59**			**3.03**			**5.13**			**0.45**

NOTES:
(1) Storage capacity at overflow elevation of 398.00 = 3,500,000 gallons
(2) Elevations are in feet above Mean High Water (MHW) in Providence Harbor

TABLE 19

WATER PIPE INSTALLED AND REMOVED

YEAR ENDING JUNE 30, 2008

PIPE INSTALLED (FT)							
CITY/TOWN	6"	8"	12"	16"	20"	24"	TOTAL
PROVIDENCE	731.0	1408.0	1833.0	0.0	0.0	0.0	3972.0
CRANSTON	868.0	2323.0	65.0	0.0	0.0	0.0	3256.0
JOHNSTON	107.0	147.0	0.0	0.0	0.0	0.0	254.0
N. PROVIDENCE	345.0	41.0	0.0	0.0	0.0	0.0	386.0
TOTALS	**2,051.0**	**3,919.0**	**1,898.0**	**0.0**	**0.0**	**0.0**	**7,868.0**

PIPE REMOVED (FT)							
CITY/TOWN	6"	8"	12"	16"	20"	24"	TOTAL
PROVIDENCE	2052.0	592.0	1763.0	0.0	0.0	0.0	4407.0
CRANSTON	1458.0	0.0	0.0	0.0	0.0	0.0	1458.0
JOHNSTON	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N. PROVIDENCE	322.0	0.0	0.0	0.0	0.0	0.0	322.0
TOTALS	**3,832.0**	**592.0**	**1,763.0**	**0.0**	**0.0**	**0.0**	**6,187.0**

NET LENGTH INCREASE OR DECREASE TO DISTRIBUTION SYSTEM (FT)							
CITY/TOWN	6"	8"	12"	16"	20"	24"	TOTAL
PROVIDENCE	(1,321.0)	816.0	70.0	0.0	0.0	0.0	(435.0)
CRANSTON	(590.0)	2,323.0	65.0	0.0	0.0	0.0	1,798.0
JOHNSTON	107.0	147.0	0.0	0.0	0.0	0.0	254.0
N. PROVIDENCE	23.0	41.0	0.0	0.0	0.0	0.0	64.0
TOTALS	**(1,781.0)**	**3,327.0**	**135.0**	**0.0**	**0.0**	**0.0**	**1,681.0**

TABLE 20

PUBLIC WATER MAINS IN USE

YEAR ENDING JUNE 30, 2008

PIPE SIZE	PROVIDENCE		CRANSTON		JOHNSTON		NORTH PROVIDENCE		TOTAL*		HIGH PRESSURE FIRE SERVICE PROVIDENCE	
(IN)	(FT)	(MI)	(FT)	(MI)	(FT)	(MI)	(FT)	(MI)	(FT)	(MI)	(FT)	(MI)
6-INCH	1,448,033.56	274.25	652,331.63	123.55	139,475.37	26.42	233,623.16	44.25	2,473,463.72	468.46	82.06	0.02
8-INCH	376,742.66	71.35	687,036.32	130.12	275,468.12	52.17	201,586.21	38.18	1,540,833.31	291.82	1,230.08	0.23
10-INCH	8,287.36	1.57	0.00	0.00	0.00	0.00	250.00	0.05	8,537.36	1.62	0.00	0.00
12-INCH	259,196.84	49.09	137,662.30	26.07	13,556.11	2.57	40,350.79	7.64	450,766.04	85.37	7,458.17	1.41
16-INCH	148,814.55	28.18	23,521.05	4.45	6,471.63	1.23	10,705.38	2.03	189,512.61	35.89	55,735.19	10.56
20-INCH	20,161.24	3.82	17,727.00	3.36	0.00	0.00	0.00	0.00	37,888.24	7.18	0.00	0.00
24-INCH	63,466.44	12.02	18,867.83	3.57	38,971.83	7.38	17,200.16	3.26	138,506.26	26.23	4,164.47	0.79
30-INCH	50,181.19	9.50	31,894.62	6.04	0.00	0.00	4,009.29	0.76	86,085.10	16.30	0.00	0.00
36-INCH	4,555.68	0.86	5,511.13	1.04	0.00	0.00	0.00	0.00	10,066.81	1.91	0.00	0.00
42-INCH	2,893.25	0.55	22,669.49	4.29	0.00	0.00	0.00	0.00	25,562.74	4.84	0.00	0.00
48-INCH	14,918.00	2.83	1,648.97	0.31	394.00	0.07	0.00	0.00	16,960.97	3.21	0.00	0.00
60-INCH	5,559.00	1.05	12,910.89	2.45	4,340.00	0.82	0.00	0.00	22,809.89	4.32	0.00	0.00
66-INCH	0.00	0.00	8,448.00	1.60	0.00	0.00	0.00	0.00	8,448.00	1.60	0.00	0.00
TOTALS	**2,402,809.77**	**455.08**	**1,620,229.23**	**306.86**	**478,677.06**	**90.66**	**507,724.99**	**96.16**	**5,009,441.05**	**948.76**	**68,669.97**	**13.01**

*Special High Service Fire Service Included.

The length of 6-inch mains tabulated for Providence includes 691.45 feet in Pawtucket.
The length of 12-inch mains tabulated for Providence includes 44.47 feet in Pawtucket.
The length of 6-inch mains tabulated for North Providence includes 179.30 feet in Pawtucket.
The length of 12-inch mains tabulated for Johnston includes 146.00 feet in Smithfield.

TABLE 21

STOP GATES IN USE

YEAR ENDING JUNE 30, 2008

LOCATION	6-INCH	8-INCH	10-INCH	12-INCH	16-INCH	20-INCH	24-INCH	30-INCH	36-INCH	42-INCH	48-INCH	60-INCH	ALL SIZES
PROVIDENCE	4,407	1,139	12	685	285	28	80	39	7	3	10	0	6,695
CRANSTON	1,812	1,653	0	319	56	29	11	17	12	16	3	5	3,933
JOHNSTON	403	588	1	31	12	5	12	0	3	0	1	0	1,056
N. PROVIDENCE	676	449	1	95	10	0	11	1	1	0	0	0	1,244
TOTALS	**7,298**	**3,829**	**14**	**1,130**	**363**	**62**	**114**	**57**	**23**	**19**	**14**	**5**	**12,928**

TABLE 22

SERVICE PIPES INSTALLED AND REMOVED

YEAR ENDING JUNE 30, 2008

LOCATION	INSTALLED				REMOVED			
	COPPER 3/4"-->2"	DUCTILE IRON 4"-->12"	FIRE SUPPLY DUCTLE IRON 4"-->12"	TOTAL	LEAD OR COPPER 1/2"-->2"	CAST IRON 4"-->12"	FIRE SUPPLY CAST IRON 4"-->12"	TOTAL
PROVIDENCE	2905	4	47	2956	2973	1	1	2975
CRANSTON	337	2	8	347	324	0	0	324
JOHNSTON	50	0	0	50	46	0	0	46
N. PROVIDENCE	128	2	2	132	126	0	0	126
TOTALS	**3420**	**8**	**57**	**3485**	**3469**	**1**	**1**	**3471**

TABLE 23

POST TYPE HYDRANTS IN USE

YEAR ENDING JUNE 30, 2008

	PROVIDENCE	CRANSTON	JOHNSTON	NO. PROVIDENCE	TOTAL
INSTALLED	68	20	4	3	95
REMOVED	64	14	3	1	82
SYSTEM TOTAL	3,193	1,718	388	487	5,786

TABLE 24

WATER SOLD TO WHOLESALE CUSTOMERS

YEAR ENDING JUNE 30, 2008

CUSTOMER	ANNUAL VOLUME (GAL)	MONTHLY AVERAGE (GAL)	DAILY AVERAGE (MGD)
EAST PROVIDENCE WATER DIVISION	1,625,340,000	135,445,000	4.44
EAST SMITHFIELD WATER DEPARTMENT	268,370,000	22,364,167	0.73
GREENVILLE WATER DISTRICT	398,030,000	33,169,167	1.09
KENT COUNTY WATER AUTHORITY	2,430,350,000	202,529,167	6.64
SMITHFIELD WATER SUPPLY BOARD	366,560,000	30,546,667	1.00
TOWN OF JOHNSTON	293,340,000	24,445,000	0.80
WARWICK DEPARTMENT OF PUBLIC WORKS	3,604,710,000	300,392,500	9.85
LINCOLN WATER COMMISSION	879,460,000	73,288,333	2.40
BRISTOL COUNTY WATER AUTHORITY	993,230,000	82,769,167	2.71
TOTAL	**10,859,390,000**	**904,949,167**	**29.66**

WHOLESALE CUSTOMER DEMAND
YEAR ENDING - JUNE 30, 2008

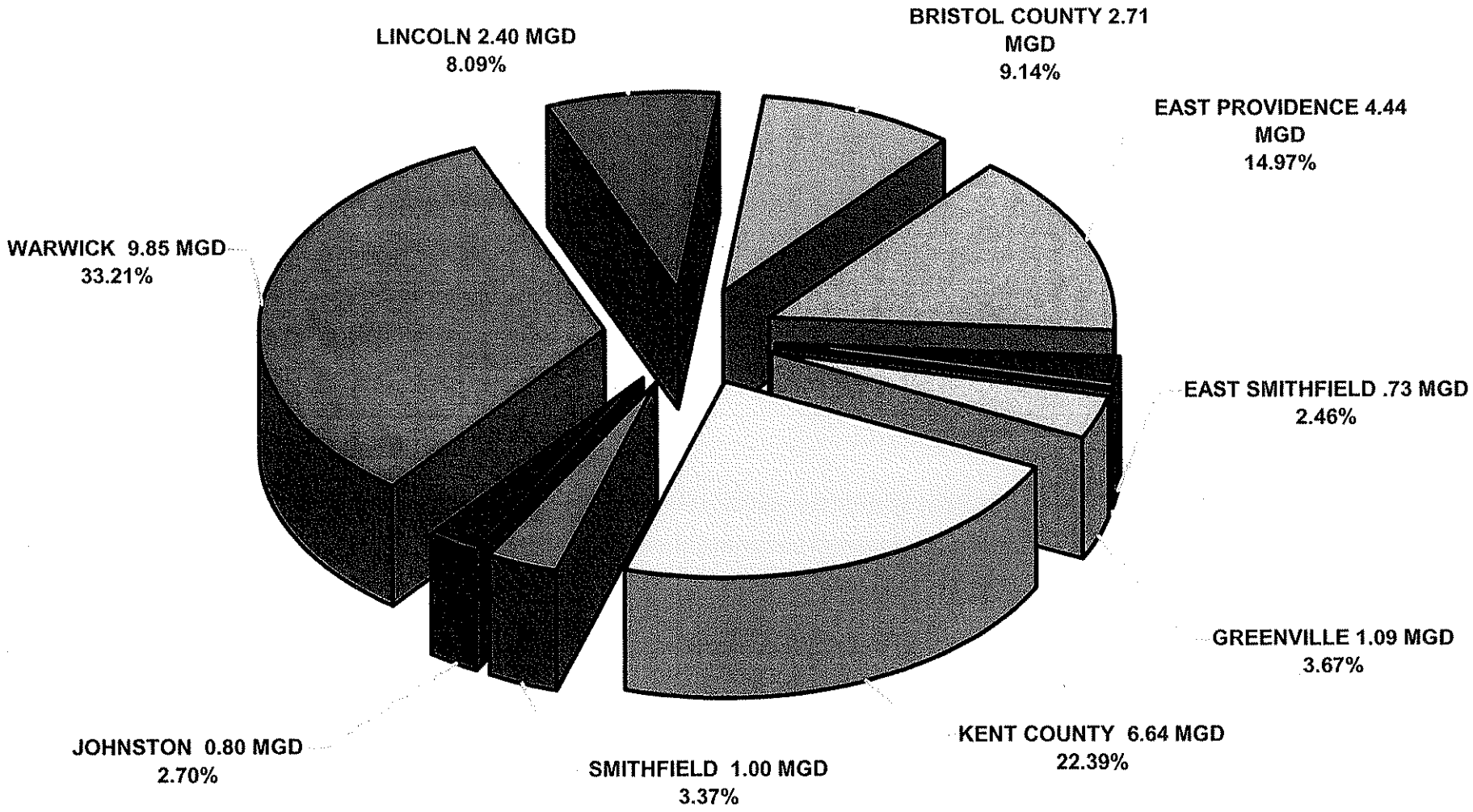


TABLE 25

CAPACITY AND DEMAND

YEAR ENDING JUNE 30, 2008

YEAR	PLANT CAPACITY (MGD)	TOTAL DEMAND (MG)	AVG DAY (MGD)	MAXIMUM DAY			MAXIMUM HOUR		
				RATE (MGD)	PCT OF PLANT CAPACITY	PCT OF AVG DAY	RATE (MGD)	PCT OF PLANT CAPACITY	PCT OF AVG DAY
1941	61.6	11,021	30.2	40.8	66	135	66.7	108	221
1942	61.6	11,409	31.3	38.3	62	122	54.7	89	175
1943	61.6	11,587	31.7	46.7	76	147	77.0	125	243
1944	61.6	12,539	34.3	49.5	80	144	69.8	113	204
1945	61.6	12,529	34.3	43.6	71	127	71.3	116	208
1946	61.6	12,685	34.8	50.5	82	145	82.1	133	236
1947	61.6	13,169	36.1	49.8	81	138	71.8	117	199
1948	61.6	13,645	37.3	54.7	89	147	82.3	134	221
1949	61.6	13,510	37.0	60.2	98	163	89.3	145	241
1950	61.6	13,374	36.6	62.0	101	169	98.4	160	269
1951	61.6	13,722	37.6	56.4	92	150	91.2	148	243
1952	61.6	13,829	37.8	70.0	114	185	110.4	179	292
1953	61.6	14,183	38.9	66.4	108	171	100.8	164	259
1954	105.0	13,841	37.9	68.6	65	181	118.1	113	312
1955	105.0	14,933	40.9	70.2	67	172	117.1	112	286
1956	105.0	15,145	41.4	68.8	66	166	103.6	99	250
1957	105.0	15,964	43.7	84.7	81	194	131.0	125	300
1958	105.0	14,761	40.4	68.5	65	170	108.7	104	169
1959	105.0	15,430	42.3	71.1	68	168	111.5	106	264
1960	105.0	15,859	43.3	77.4	74	179	120.3	115	278
1961	105.0	16,496	45.2	69.3	66	153	112.3	107	249
1962	105.0	16,688	45.7	73.8	70	162	112.5	107	146
1963	105.0	17,489	47.9	87.2	83	182	129.3	123	270
1964	105.0	18,383	50.2	86.0	82	171	139.6	133	278
1965	105.0	19,471	53.3	88.5	84	166	134.1	128	252

NOTE:
1941 to 1969 reporting year ends September 30.
1970 to 2008 reporting year ends June 30.

TABLE 25 (cont'd)

CAPACITY AND DEMAND

YEAR ENDING JUNE 30, 2008

YEAR	PLANT CAPACITY (MGD)	TOTAL DEMAND (MG)	AVG DAY (MGD)	MAXIMUM DAY			MAXIMUM HOUR		
				RATE (MGD)	PCT OF PLANT CAPACITY	PCT OF AVG DAY	RATE (MGD)	PCT OF PLANT CAPACITY	PCT OF AVG DAY
1966	105.0	18,426	50.5	82.3	78	163	118.9	113	235
1967	105.0	17,561	48.1	74.2	71	154	108.6	103	226
1968	105.0	18,609	50.8	84.6	81	167	122.8	117	242
1969	105.0	19,417	53.2	94.0	90	177	137.3	131	258
1970	144.0	19,852	54.4	94.0	65	173	137.3	95	252
1971	144.0	21,933	60.1	109.0	76	181	158.4	110	264
1972	144.0	23,570	64.4	100.6	70	156	146.9	102	228
1973	144.0	23,203	63.6	105.9	74	167	152.3	106	240
1974	144.0	23,468	64.3	104.7	73	163	147.5	102	229
1975	144.0	23,228	63.6	109.8	76	173	156.7	109	146
1976	144.0	23,694	64.7	118.0	82	182	162.9	113	252
1977	144.0	22,790	62.4	98.6	69	158	132.7	92	213
1978	144.0	22,935	62.8	116.0	81	185	167.5	116	267
1979	144.0	23,253	63.7	102.8	71	161	148.0	103	232
1980	144.0	23,150	63.3	115.6	80	183	163.7	114	259
1981	144.0	24,195	66.3	129.7	90	196	192.6	134	291
1982	144.0	22,789	62.4	103.7	72	166	165.2	115	265
1983	144.0	22,179	60.8	111.6	78	184	160.7	112	246
1984	144.0	23,747	64.9	118.5	82	183	159.9	111	246
1985	144.0	24,196	66.3	100.5	69	151	140.7	98	212
1986	144.0	25,302	69.3	107.2	74	166	150.1	104	233
1987	144.0	25,349	69.4	130.1	90	188	182.1	127	262
1988	144.0	26,739	73.1	136.2	95	186	190.7	133	261
1989	144.0	26,635	73.0	125.8	87	173	176.1	122	242
1990	144.0	26,076	71.4	115.7	80	162	162.0	113	227

NOTE:
1941 to 1969 reporting year ends September 30.
1970 to 2008 reporting year ends June 30.

TABLE 25 (cont'd)

CAPACITY AND DEMAND

YEAR ENDING JUNE 30, 2008

YEAR	PLANT CAPACITY (MGD)	TOTAL DEMAND (MG)	AVG DAY (MGD)	MAXIMUM DAY			MAXIMUM HOUR		
				RATE (MGD)	PCT OF PLANT CAPACITY	PCT OF AVG DAY	RATE (MGD)	PCT OF PLANT CAPACITY	PCT OF AVG DAY
1991	144.0	25,697	70.4	129.0	90	184	169.4	118	241
1992	144.0	25,259	69.0	125.4	87	183	179.5	125	261
1993	144.0	24,227	66.4	115.1	80	173	140.9	98	212
1994	144.0	25,324	69.4	114.2	79	165	175.4	122	253
1995	144.0	24,073	66.0	114.3	79	172	155.9	108	236
1996	144.0	25,398	69.4	114.9	80	166	148.3	103	214
1997	144.0	23,481	64.3	109.6	76	170	145.6	101	226
1998	144.0	24,191	66.3	121.7	85	184	137.1	95	207
1999	144.0	24,895	68.2	122.9	85	180	149.5	104	219
2000	144.0	24,666	67.4	118.4	82	176	153.8	107	228
2001	144.0	25,108	68.8	120.5	84	175	130.7	91	190
2002	144.0	25,068	68.7	119.5	83	174	154.8	108	225
2003	144.0	25,898	71.0	128.0	89	180	163.2	113	230
2004	144.0	25,721	70.3	108.0	75	154	137.4	95	195
2005	144.0	25,288	69.3	119.1	83	172	161.2	112	233
2006	144.0	25,777	70.6	118.1	82	167	142.5	99	202
2007	144.0	24,381	66.8	113.5	79	170	157.4	109	236
2008	144.0	24,565	67.1	110.4	77	164	146.7	102	219

NOTE:
1941 to 1969 reporting year ends September 30.
1970 to 2008 reporting year ends June 30.

TABLE 26

AVERAGE DAILY DEMAND (MGD) PER MONTH

YEAR ENDING JUNE 30, 2008

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	AVG FOR YEAR
1878	2.91	2.76	3.01	2.61	2.22	2.30	2.16	2.15	2.20	2.32	2.85	2.89	2.53
1879	3.88	3.12	3.17	2.84	2.39	2.38	2.82	2.93	2.59	2.38	3.22	3.48	2.93
1880	3.78	3.52	3.32	3.38	2.89	2.97	2.94	2.86	2.90	2.96	3.68	5.05	3.35
1881	4.18	3.92	3.82	3.67	3.35	3.22	3.54	4.07	3.13	2.98	3.54	3.81	3.60
1882	4.05	4.46	4.16	3.92	3.60	3.38	3.30	3.27	3.06	3.05	3.24	4.02	3.63
1883	4.69	5.09	3.84	3.40	3.33	3.65	3.94	3.74	3.91	3.43	3.82	4.64	3.96
1884	5.24	5.18	4.70	3.81	3.67	3.58	4.24	3.87	3.90	3.43	3.79	4.70	4.18
1885	4.38	4.06	4.82	4.24	3.67	3.99	4.48	4.73	4.80	4.10	4.10	5.44	4.40
1886	5.56	5.01	4.92	4.37	4.20	4.71	4.82	4.75	4.83	4.33	4.53	4.93	4.75
1887	6.02	4.88	4.94	4.62	4.24	4.94	5.06	4.90	4.84	4.41	4.90	5.16	4.91
1888	5.58	5.00	5.08	4.80	4.40	5.10	5.44	5.79	5.39	4.86	4.84	6.17	5.20
1889	6.51	5.87	5.32	5.34	5.18	5.51	5.72	7.34	5.80	5.27	5.75	6.14	5.80
1890	5.69	5.59	5.52	5.41	5.17	6.14	6.34	6.79	6.28	6.84	6.60	6.90	6.10
1891	8.11	7.13	6.72	6.28	6.08	6.83	6.35	6.53	6.72	6.67	7.55	7.75	6.90
1892	7.73	7.78	7.57	7.53	7.32	7.69	7.65	7.83	7.62	7.27	6.77	8.37	7.59
1893	9.30	9.11	8.63	8.00	7.65	8.48	9.30	8.85	8.74	8.07	8.58	9.92	8.72
1894	10.78	10.50	9.48	8.79	7.85	8.61	9.11	9.07	9.09	8.73	9.97	11.28	9.44
1895	12.39	10.76	10.22	10.20	8.86	9.08	9.02	9.82	8.60	7.70	8.78	9.49	9.58
1896	8.99	9.50	9.10	8.15	8.19	9.56	10.19	8.79	8.74	8.60	9.26	9.64	9.06
1897	9.93	9.70	8.83	8.49	8.05	8.98	8.83	8.52	8.44	8.06	8.27	8.90	8.76
1898	9.13	8.70	9.07	8.76	8.29	8.63	8.56	9.09	8.68	8.38	8.35	10.04	8.80
1899	10.10	9.44	9.84	8.94	8.75	9.64	9.45	9.53	8.91	8.52	9.18	11.18	9.45
1900	10.21	10.12	9.70	9.15	9.27	9.53	9.81	9.49	9.66	9.23	8.59	10.48	9.60
1901	12.11	10.95	11.71	9.99	9.54	9.95	10.09	10.52	10.20	8.92	10.05	11.50	10.46
1902	12.02	11.69	11.15	10.91	10.70	11.02	11.65	11.00	10.92	10.52	10.48	11.85	11.16
1903	12.09	11.97	11.66	11.89	11.81	12.85	12.84	12.62	11.92	12.33	13.92	13.02	12.41
1904	13.54	12.91	13.76	13.09	13.89	13.49	14.29	14.58	13.42	12.07	12.72	13.94	13.47
1905	14.21	13.08	13.85	14.57	14.88	14.60	14.20	14.65	13.88	13.85	14.77	15.06	14.30
1906	16.34	14.30	13.99	13.73	14.96	14.63	15.00	15.07	14.77	14.49	15.01	15.69	14.83
1907	15.08	15.74	16.06	15.02	14.37	14.25	15.74	16.24	16.26	15.62	16.29	17.18	15.65
1908	18.50	18.00	15.02	15.34	15.13	15.34	15.46	16.07	15.21	14.53	14.67	16.63	15.83
1909	16.77	15.42	15.62	15.83	15.80	15.44	15.16	14.87	14.88	13.94	14.04	15.54	15.28
1910	17.71	16.15	14.80	14.76	14.66	15.28	15.62	15.65	15.22	14.74	14.72	15.53	15.41
1911	17.13	15.95	15.61	15.56	14.98	16.11	16.39	16.27	16.00	15.30	16.19	17.09	16.05
1912	19.36	17.09	16.08	16.29	16.49	16.44	18.12	18.14	17.16	16.39	16.70	17.32	17.13
1913	20.54	17.62	17.06	17.36	16.72	17.17	17.49	17.98	17.59	17.06	17.12	18.95	17.72
1914	19.55	18.40	17.12	16.76	16.87	17.27	17.83	18.52	17.60	16.99	17.43	20.24	17.88
1915	17.62	17.09	18.51	17.29	16.43	17.27	17.07	17.60	17.44	16.80	16.68	18.04	17.32
1916	16.49	16.76	17.80	16.90	17.03	17.97	18.16	18.47	18.57	17.43	17.57	17.82	17.58
1917	17.90	16.58	18.76	18.51	18.08	18.50	19.73	20.62	19.31	18.09	17.67	18.28	18.49

TABLE 26 (cont'd)

AVERAGE DAILY DEMAND (MGD) PER MONTH

YEAR ENDING JUNE 30, 2008

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	AVG FOR YEAR
1918	19.61	20.03	18.76	18.62	18.71	20.64	23.82	22.98	23.07	22.43	22.31	21.85	21.06
1919	22.23	21.50	20.63	20.42	20.31	21.04	21.72	20.94	19.35	19.45	19.60	21.77	20.75
1920	20.70	20.40	20.68	20.62	20.18	21.64	23.80	23.16	23.03	20.67	20.45	20.98	21.36
1921	21.06	21.58	21.89	21.41	20.46	20.97	21.64	21.43	20.77	20.21	20.92	22.84	21.26
1922	21.18	21.63	22.86	22.84	22.16	22.18	24.14	23.64	22.01	21.64	21.49	22.18	22.32
1923	21.91	22.11	22.53	22.78	23.23	23.08	23.66	24.96	23.84	22.95	24.12	24.49	23.29
1924	23.90	24.08	24.31	24.68	24.09	23.33	24.29	24.58	23.44	23.51	23.28	24.10	23.95
1925	25.11	22.48	22.51	22.84	23.70	23.76	24.22	23.61	22.70	23.13	23.03	24.82	23.49
1926	23.54	23.20	23.81	23.41	22.47	23.29	23.95	24.12	24.25	23.36	22.80	24.16	23.53
1927	24.80	23.94	23.53	21.76	22.60	23.24	22.92	22.41	22.57	22.32	22.68	23.62	23.04
1928	23.27	22.27	23.27	23.37	22.99	22.39	23.04	22.80	23.21	22.79	23.83	23.05	23.02
1929	24.31	26.69	25.38	26.82	25.54	26.17	26.84	27.01	25.42	23.05	22.91	25.73	25.48
1930	26.53	24.94	24.24	23.83	24.24	24.29	23.85	24.88	23.34	23.38	25.15	26.85	24.62
1931	26.81	25.95	27.45	26.30	24.04	23.80	23.71	24.36	23.64	23.11	23.76	25.35	24.86
1932	26.20	26.22	26.31	25.36	23.42	23.82	23.20	23.23	22.99	22.72	23.47	25.27	24.36
1933	25.34	25.16	24.59	24.15	23.65	23.51	24.00	24.25	24.01	23.41	25.32	26.92	24.53
1934	28.77	27.65	26.00	24.89	24.43	25.04	25.55	28.05	26.38	24.78	25.78	27.95	26.26
1935	31.00	28.77	26.39	26.50	25.39	25.16	26.35	27.06	26.31	25.71	27.02	27.47	26.93
1936	29.47	31.14	28.23	29.45	28.03	27.42	27.97	28.73	26.44	25.75	27.02	30.27	28.33
1937	30.23	30.79	29.23	27.94	26.72	27.06	25.77	26.13	27.16	25.73	25.93	28.45	27.61
1938	31.43	31.85	29.18	27.84	26.42	25.57	25.11	24.67	24.38	23.56	24.56	27.13	26.83
1939	26.34	28.82	28.34	27.90	27.21	26.85	27.07	27.62	27.16	26.25	27.48	30.84	27.65
1940	32.81	33.62	30.31	30.12	28.96	28.26	28.74	28.06	27.23	25.77	26.15	28.49	29.06
1941	30.10	31.57	28.96	29.55	27.86	28.36	28.67	29.02	28.78	29.07	29.91	31.74	29.47
1942	32.87	32.66	33.77	32.74	31.44	31.84	31.34	31.21	29.84	29.18	29.76	31.34	31.50
1943	32.13	32.14	32.11	29.88	29.27	30.40	29.93	30.67	30.35	30.05	29.65	35.13	30.97
1944	36.35	35.47	33.71	31.87	31.25	32.35	32.29	32.52	32.95	31.51	34.27	36.80	33.45
1945	39.10	40.60	35.43	33.77	32.77	33.33	34.89	34.57	33.78	33.37	33.23	35.44	35.04
1946	35.73	36.34	34.67	32.74	32.27	33.21	34.01	33.69	33.80	33.64	33.59	36.70	34.20
1947	40.70	35.92	36.69	36.37	35.34	35.58	35.95	35.83	35.01	33.27	33.94	35.72	35.87
1948	37.35	39.34	39.21	38.91	36.19	35.55	34.84	37.31	36.92	36.15	33.95	36.90	36.88
1949	39.33	41.55	39.76	36.27	35.34	35.11	33.98	34.00	33.88	33.12	35.12	46.65	37.01
1950	44.56	40.18	35.77	34.61	35.94	34.51	33.92	34.34	34.71	33.39	34.90	40.27	36.44
1951	43.27	41.40	38.24	39.96	36.91	34.80	36.10	35.92	34.81	34.21	37.21	39.31	37.70
1952	43.49	39.98	38.20	36.92	34.79	33.63	34.20	34.59	33.98	33.98	34.33	41.21	36.61
1953	54.79	40.66	40.11	37.09	35.75	35.27	34.59	33.95	34.20	34.61	35.63	50.68	38.97
1954	46.76	43.63	43.95	38.20	35.43	35.03	34.85	35.63	35.31	35.10	35.05	45.09	38.68
1955	45.27	40.72	39.22	39.84	37.82	37.17	37.24	38.42	37.85	37.00	41.54	44.52	39.73
1956	49.90	47.08	42.25	40.29	38.30	38.18	38.42	39.31	38.37	38.55	40.08	49.50	41.69
1957	44.93	48.86	41.70	40.78	38.65	36.74	39.14	38.43	36.98	38.50	44.48	60.45	42.47

TABLE 26 (cont'd)

AVERAGE DAILY DEMAND (MGD) PER MONTH

YEAR ENDING JUNE 30, 2008

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	AVG FOR YEAR
1958	57.12	48.16	45.16	42.22	38.27	38.42	39.09	38.20	37.40	40.03	38.60	42.57	42.10
1959	45.05	43.60	41.63	40.35	38.01	39.35	39.34	39.46	38.65	39.04	44.02	45.05	41.13
1960	45.16	51.33	47.28	41.93	40.00	39.63	39.48	40.19	39.72	40.34	42.06	51.75	43.24
1961	49.75	49.49	45.57	42.22	42.53	40.99	41.24	43.54	42.26	41.00	42.96	51.71	44.44
1962	51.06	52.80	50.01	43.66	41.94	40.90	42.42	41.91	42.38	42.74	46.45	53.07	45.78
1963	51.39	54.38	47.10	45.66	44.44	43.38	44.26	44.81	44.80	45.77	47.96	55.81	47.48
1964	55.87	54.40	47.58	46.77	42.66	43.07	45.45	45.81	46.23	46.54	56.23	63.98	49.55
1965	57.44	53.33	55.16	51.52	49.17	47.99	47.66	47.94	46.33	46.89	53.98	65.25	51.89
1966	63.33	63.37	56.32	50.11	47.17	44.67	44.73	44.94	45.77	46.82	48.47	59.32	51.25
1967	61.74	59.88	51.70	48.22	46.08	44.52	45.59	45.91	45.98	43.99	44.96	55.39	49.50
1968	50.26	53.10	53.36	49.14	45.67	43.99	47.40	47.06	47.07	49.07	50.71	52.94	49.15
1969	61.60	59.19	56.06	52.07	47.54	46.88	47.90	46.73	46.39	48.84	52.69	63.91	52.48
1970	63.74	62.15	59.09	53.27	49.56	48.23	49.55	49.90	49.49	50.35	55.05	61.98	54.36
1971	66.91	64.96	58.53	56.07	55.17	55.04	54.96	57.12	56.79	56.85	59.33	79.39	60.09
1972	78.28	73.89	69.41	61.93	60.56	57.13	57.70	59.17	60.59	60.06	65.67	68.08	64.37
1973	68.15	72.36	67.64	63.07	62.36	58.35	59.15	58.32	58.54	58.85	60.83	75.02	63.55
1974	72.66	79.70	69.20	63.78	59.35	55.48	57.42	58.91	58.14	60.81	63.81	71.90	64.26
1975	79.08	84.06	64.81	60.12	58.70	55.81	56.84	56.76	56.67	57.86	63.15	69.01	63.57
1976	77.10	74.53	64.89	60.26	58.55	57.40	57.61	57.38	58.63	62.16	63.69	84.53	64.73
1977	74.83	70.09	65.07	58.26	59.28	57.04	56.62	56.96	57.04	57.76	66.97	68.89	62.40
1978	76.85	71.17	64.09	58.75	57.77	56.64	56.25	55.12	58.47	57.98	62.78	77.59	62.79
1979	80.61	70.25	64.91	61.21	58.82	56.99	57.79	58.99	58.38	58.71	63.78	73.62	63.67
1980	81.56	68.70	65.07	60.86	58.14	55.96	57.85	58.38	58.18	58.21	62.65	73.21	63.23
1981	84.09	76.39	75.13	62.62	58.22	58.63	61.33	59.70	57.91	59.41	65.55	75.93	66.24
1982	79.25	75.39	66.82	60.22	56.89	56.76	57.20	56.67	57.13	58.00	61.85	62.33	62.38
1983	77.69	66.91	63.59	58.24	55.75	53.86	55.18	54.09	53.82	54.47	57.94	77.27	60.73
1984	88.02	77.25	76.97	60.04	56.83	56.04	56.03	57.37	56.76	57.69	60.69	74.63	64.86
1985	72.03	84.20	69.01	63.69	60.72	57.86	59.86	64.12	61.10	63.94	68.93	69.91	66.28
1986	82.65	80.86	70.92	68.12	64.47	62.55	62.25	60.68	60.33	62.99	73.95	78.86	69.05
1987	80.92	71.25	72.38	65.93	61.93	60.76	62.71	63.07	62.08	62.60	74.10	95.52	69.44
1988	94.79	93.03	72.18	66.32	64.33	62.27	65.10	63.69	64.41	64.43	70.17	95.51	73.02
1989	92.34	101.49	76.73	69.63	65.41	65.38	63.12	62.70	62.50	65.21	71.76	78.32	72.88
1990	85.59	80.98	77.39	68.17	66.04	65.09	64.75	65.05	65.61	66.69	68.20	83.51	71.42
1991	90.07	84.98	76.34	76.05	61.58	58.52	59.52	59.26	59.15	61.91	74.83	91.01	71.18
1992	92.92	80.09	72.06	64.53	60.96	59.66	60.20	61.44	59.38	60.36	72.46	82.84	68.95
1993	79.86	75.36	66.93	63.66	56.45	58.59	56.80	57.87	56.59	56.02	71.73	87.67	65.68
1994	96.18	88.43	71.04	61.80	59.64	58.78	60.79	60.03	59.05	59.41	66.25	87.10	69.11
1995	94.05	77.14	69.30	62.69	58.37	56.96	57.20	57.24	57.55	58.74	63.42	77.97	65.95
1996	94.28	92.06	77.75	64.23	58.81	57.88	59.34	59.63	57.55	59.44	66.59	83.67	69.31
1997	81.26	80.69	68.53	63.46	59.39	52.29	52.98	54.59	55.21	56.03	60.67	86.36	64.33

TABLE 26 (cont'd)

AVERAGE DAILY DEMAND (MGD) PER MONTH

YEAR ENDING JUNE 30, 2008

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	AVG FOR YEAR
1998	99.01	76.28	69.48	64.06	59.86	58.48	57.90	56.97	56.22	58.81	67.79	69.31	66.28
1999	85.13	82.56	71.48	59.67	56.63	56.06	57.22	56.55	57.44	61.04	73.13	101.60	68.26
2000	97.86	84.92	71.41	62.08	60.34	58.29	58.61	58.12	56.95	57.46	65.85	75.39	67.34
2001	89.02	75.76	71.98	65.72	59.87	56.68	59.94	59.15	58.84	60.72	81.91	85.06	68.79
2002	87.85	85.56	76.75	66.39	60.06	59.40	59.54	58.92	58.71	63.33	67.10	79.77	68.68
2003	108.14	96.58	72.49	65.85	60.04	59.69	60.07	61.21	60.80	62.59	68.16	74.41	70.95
2004	86.36	80.32	74.70	65.46	61.59	61.10	62.97	65.31	61.52	63.23	72.78	88.11	70.30
2005	86.37	80.61	75.87	65.32	60.36	59.58	59.68	61.78	61.04	62.69	65.24	92.59	69.28
2006	97.61	100.70	81.03	67.88	61.14	58.30	57.83	57.33	57.95	60.47	67.56	78.32	70.62
2007	85.56	83.56	67.49	61.04	58.78	55.67	57.64	58.89	57.90	58.98	71.63	83.73	66.80
2008	86.24	85.16	79.95	64.87	56.60	55.45	56.41	55.76	54.75	59.26	65.06	85.60	67.12

NOTE:

1) 1941 to 1969 reporting years ended on September 30.

2) 1970 to 2008 reporting years ended on June 30.

HISTORICAL

DEMAND vs PLANT CAPACITY

(1941 - 2008)

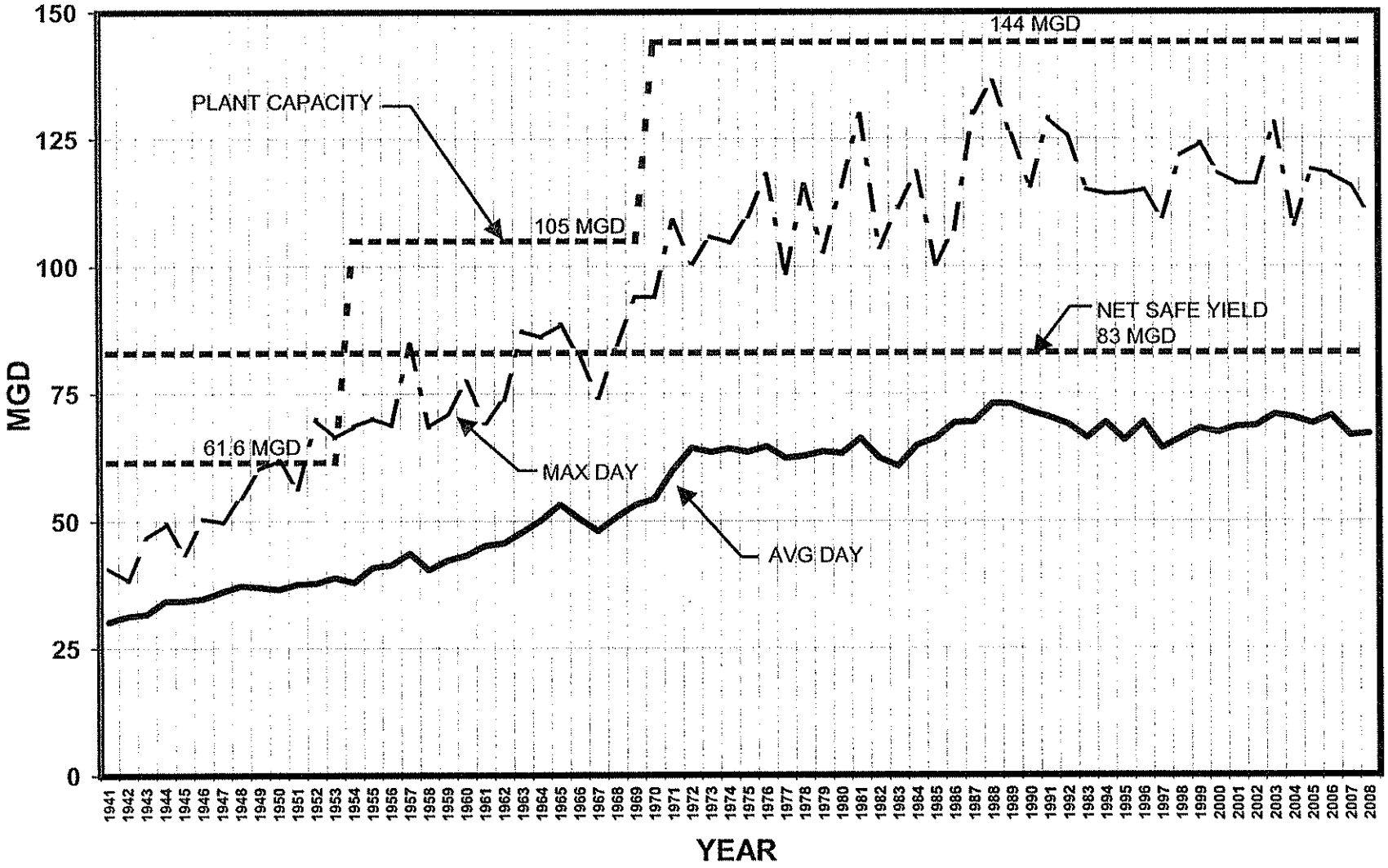


TABLE 27

SUMMARY OF GENERAL STATISTICS

Year Ending June 30, 2008

SOURCE OF SUPPLY

Watershed Area	92.8 square miles
Watershed Area Owned	26.8 square miles
Supply Source	Scituate Reservoir and Five Tributary Reservoirs
Avail. Storage Capacity (all reservoirs)	39,746 million gallons
Rainfall	47.75 inches *
92-Year Average Annual Rainfall	50.57 inches
Watershed Yield	31.27 billion gallons *
92-Year Average Yield	40.41 billion gallons
Draft from Reservoir	89.60 million gallons/day *

WATER PURIFICATION

Treatment Plant	Conventional Filtration Plant
Chemical Process/Chemicals	Ferric-Floc, Aeration, Lime, Sedimentation, Chlorination, Filtration, and Fluoridation
Filters	16 Rapid Sand, 2 Dual-Media
Avg. Plant Effluent	67.12 million gallons/day *
Plant Capacity	144 million gallons/day

MAJOR AQUEDUCTS

90-inch Scituate Tunnel and Aqueduct (concrete)

78-inch and 102-inch Supplemental Tunnel and Aqueduct

TRANSMISSION AND DISTRIBUTION SYSTEM

Length of Pipe	949 Miles
Size of Pipes	6" to 66" diameter
Kinds of Pipe	Cast Iron, Ductile Iron, Concrete, Steel, and Asbestos Cement
Distribution Reservoirs	5
Distribution Storage Capacity	118.8 million gallons
Number of Pumping Stations	10
Number of Pressure Zones	8
Number of Service Connections	74,229
Number of Stop Gates	12,928
Number of Fire Hydrants	5,786

DEMAND

Total Annual	24.565 billion gallons *
Average Day	67.12 million gallons/day *
Maximum Day	110.38 million gallons/day *
Minimum Day	41.72 million gallons/day *
Retail	37.46 million gallons/day
Wholesale	29.66 million gallons/day
Retail Areas Served	Providence, Cranston, North Providence, Johnston
Wholesale Customers	Warwick, Kent County, East Providence, Lincoln, Greenville, East Smithfield, Smithfield, Johnston and Bristol County

*FOR PERIOD FROM JULY 1, 2007 TO JUNE 30, 2008.