Providence Water

July 11, 2007

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

Dear Mayor Cicilline

I am pleased to submit the 2006 Providence Water Supply Board Annual Report for your review.

The Annual Report is comprised of 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 2005 and 2006. The second volume contains engineering and operating 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: Council President Peter S. Mancini
Anna Stetson, City Clerk
Juan Mariscal, 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
JUL 19 2007
READ
WHEREUPON IT IS ORDERED THAT
THE SAME BE RECEIVED.
CLERK

Communications and Reports

2006 Providence Water Supply Board Annual Report

Executive Summary

Visit our website at www.provwater.com

REPORT FROM CHIEF ENGINEER PAMELA M. MARCHAND

There are those who say that water is to the 21st century what gold was to the 19th and oil to the 20th centuries. Today, stock market analysts are pointing to water industry stocks as the stocks to watch.

The world, including our local state officials here in Rhode Island, is beginning to recognize what we in the water industry have known for years.... water is our most precious natural resource.

We are fortunate to have some of the best drinking water in the world right here in Rhode Island and especially, our Providence Water system that serves more than 60 percent of the Ocean State's population. However, as our cities and neighborhoods continue to grow, our drinking water supplies are becoming a more serious concern. In fact, as we move forward in time, the supply of water will supplant the quality of water as the overriding water issue facing Rhode Islanders.

We are proud to be a leader in the thinking that new sources of reliable drinking water must be cultivated. To that end, Providence Water continues to maintain relationships and memberships in professional organizations such as the American Water Works Association and Research Foundation, the New England and Rhode Island Water Works Associations, and the American Municipal Water Works Associations. We are proud to partner with others in our area to promote new drinking water supplies. We must continue to promote discovery and development of new sources of drinking water for the communities we serve and to preserve and protect Rhode Island's shining jewel of drinking water supply – the Scituate Reservoir system.

To that end, Providence Water is proud to present this annual report of our good work performed in Fiscal Year 2006.

Water Quality

Providence Water manages and protects the natural resources within the Scituate watershed in order to ensure a reliable water supply of the best possible quality for the benefit and enjoyment of all existing and projected water customers. Quality control is job one to ensure that the water supply is treated, tested and transmitted to the distribution system in adequate quantity to satisfy demand while meeting or exceeding all health and safety related standards and regulations, as mandated by the State of Rhode Island Department of Health and the Federal Safe Drinking Water Act.

To ensure this essential quality control, the following actions were taken:

- Enhanced security inspections were initiated at all Providence Water pump stations, distribution storage reservoirs and related remote facilities
- Continuous, on-line Fluoride monitors were upgraded at our Fruit Hill Avenue and Garden Hills pump stations
- Chlorine feed equipment, utilized to disinfect water, were replaced with new upgraded models
- Department staff identified and installed equipment for the continuous monitoring of flow at the RIPDES discharge location to the Pawtuxet River
- In order to meet new State of Rhode Island fire code regulations, new fire suppression and alarm system equipment installed at the water treatment plant and related facilities
- Customized training was commissioned for department personnel on safety issues related to the proper handling of fluorosilicic acid, utilized in the water treatment process
- Watershed crews replaced approximately 6,000 feet of farm fence on watershed property and 450 scarf rails on the Gainer Dam access road
- Ninety acres of land was purchased within the watershed in order to preserve the natural resource

■ Numerous sites within the watershed (streams and reservoirs) were sampled for contamination

■ Hundreds of students and landowners living within the watershed were educated through our education and outreach program on what it means to live in a watershed and how to protect the resources

■ Department staff reviewed and commented on many "alteration of land use" applications submitted to local planning and zoning boards relative to what detrimental effect there potentially could be to the water quality of the Scituate system

■ Consistent with our 20-year forest management plan, approximately 1,266,913 board feet of timber was harvested, primarily infected and dying red pine, on 200 acres of watershed land

■ Over 1,000 seedlings planted within the watershed as part of our reforestation program

■ Watershed employees responded to six Hazmat incidents

■ Watershed security employees patrolled the watershed and reservoirs by truck, boat, and foot inspecting miles of watershed land and shoreline

■ Thirty dams within the system received annual inspections

■ A number of programs were developed to help customers deal with Lead issues. The programs ranged from providing information material to assisting customers in having their water tested for Lead. In addition, initiatives were taken which will aid Providence Water in better understanding the complexity of Lead solubility issues. Various computerized databases were also created to aid Providence Water in an effort to better serve our customers on the Lead issue

■ Conducted Cryptosporidium testing in order to comply with the Safe Drinking Water Act Enhanced Surface Water Treatment Rule, Long Term 2 regulation

■ To comply with Safe Drinking Water requirements over 138,000 copies of the 2005 Consumer Confidence Report were mailed to our customers. In addition, an informational pamphlet on Lead contamination was also prepared and mailed

■ Water quality monitoring programs designed to ensure the continued high quality of the drinking water resulted in nearly 4,000 analytical tests per month conducted by Providence Water's laboratory

Here are some of the water quality items on our agenda in the coming fiscal year

■ Continue to improve treatment in order to achieve optimum corrosion control for reducing Lead leaching in customers' homes

■ Implement new Safe Drinking Water Act regulations as promulgated

■ Upgrade laboratory capabilities and equipment, while continuing to participate in the R.I. Department of Health Performance Testing Program

■ Iimplement and improve upon a consumer service complaint program which addresses and recommends solutions to customer's water quality issues

■ Continue active involvement in professional organizations in order to better serve our customers through education and technology transfer concerning the latest innovations in water quality and treatment

■ Conduct water testing within distribution reservoirs to determine extent of stratification

■ Refine preventive maintenance procedures and

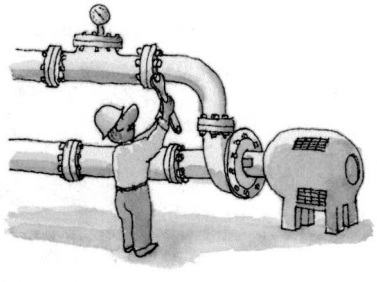
Providence Water's Board of Directors: Standing from left to right: Fernando S. Cunha, Esq.; Everett Bianco; Anne T. Quinterno; Councilman Patrick K. Butler; Joseph D. Cataldi; Councilman Joseph DeLuca and Andrew K. Moffit, Chairman

increase the frequency of calibration for treatment process water quality monitors

- Improve rails and fencing protecting Providence Water owned land within watershed
- Rehabilitate historic stone wall on Gainer Dam
- Continue land acquisition program within the watershed strategic to protecting the quality of the water resources
- Expand our public education programs concerning watershed protection, water resources, water quality and conservation
- Participate in future water resources and water quality studies with organizations such as the U.S. Geological Survey

Engineering

The mission of our Engineering Department is to provide engineering and technical services to the organization to ensure its continued integrity and performance, and to plan and implement the needed system expansions and improvements to guarantee a safe and reliable supply of water to Providence Water customers, both now and well into the future.



In pursuit of this goal, the Engineering Department has planned and managed a host of capital improvement and infrastructure replacement projects to improve Providence Water's water treatment and distribution processes and to systematically replace its aging infrastructure.

Since the inception of its currently ongoing Capital Improvement program (CIP) and Infrastructure Replacement (IFR) program, Providence Water has re-invested a total of $140 million into needed improvements to the system. Improvements have been made in virtually all areas, from the source water reservoirs and dams, through the treatment plant, the major water transmission aqueducts and pipelines, pumping stations and storage reservoirs, down to the distribution mains bringing the water to customers.

- Improvements under the program have included structural and hydraulic improvements to the watershed's water collection dams and reservoirs to ensure their continued integrity and safety.
- New modern chemical feed systems have been installed at the treatment plant to replace what had been old and outmoded equipment.
- The plant's electrical system has been improved and modernized and backup power generators have been installed at all critical facilities within the system.
- New automated water quality monitoring and testing equipment and a state-of-the-art computerized process control system provides greatly improved quality control over the finished water product, while improvements to the water delivery systems ensure an adequate and reliable supply to all customers.
- The capacity and reliability of water pumping and storage facilities has been upgraded with new pumps, piping, instrumentation and control systems, as well as needed structural and architectural improvments.
- Major transmission mains and aqueducts have been inspected and rehabilitated as needed, and aged distribution system mains, valves, hydrants, and lead services continue to be replaced on an ongoing basis.
- Continuing on with these needed improvements to our water system, approximately $15.3 million was reinvested into the system during FY 2006. Included in these improvements were:
- Completed a technical evaluation and Design Concept Report for the upgrade of the treatment plant's 18 sand filter systems. The evaluation identified improvements that would bring the filters up to today's design standards and has resulted in Providence Water adopting a bold plan to reconstruct the filters with significant improvements that will enable their future conversion to granular activated carbon filtration.
- Substantial progress has been made in with the development of a system-wide Geographical Information System (GIS). Aerial photography has

been converted to electronic basemaping, and we are working on the conversion of the existing distribution system asset records that reside in various software programs and paper records into one centralized database and mapping system. The project includes business process modeling to properly integrate the GIS system with our operations, as well as the purchase and development of all computer hardware, software applications, and data needed to support a fully functional, customized GIS program. Also included is the development of a customized intranet viewer that will provide easy access to the data for the entire organization. Future development of a mobile application to provide access and to update data in the field is being planned.

■ Completed system-wide upgrades of fire protection systems to bring all of Providence Water's 27 facilities in compliance with the Rhode Island Fire Safety Code.

■ Completed the rehabilitation of the Aqueduct Pump Station including the installation of new pumps, instrumentation, and electrical systems, and replaced of the station's antiquated emergency generator.

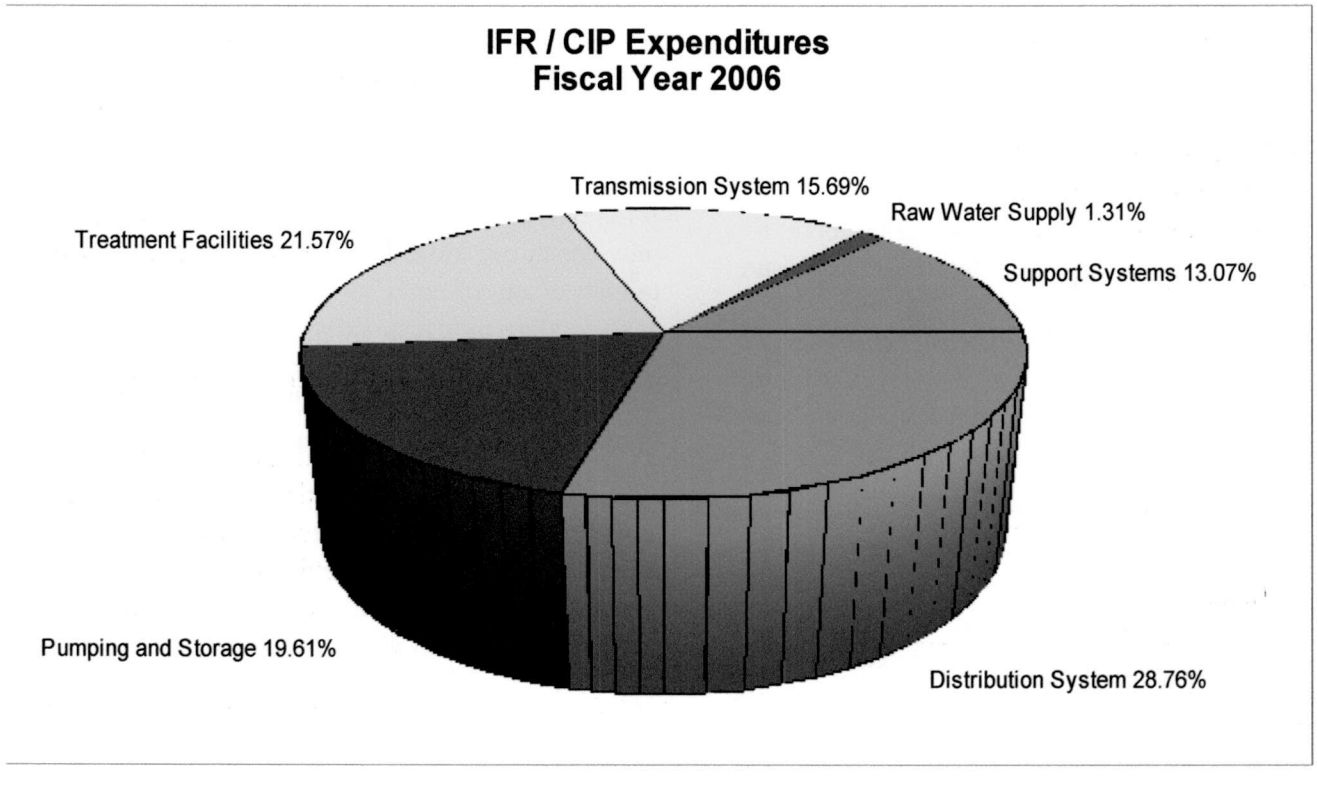
■ Rehabilitated the 43 million gallon Neutaconkanut Reservoir water storage tank and the treatment plant's filter washwater tank which included the full draining and inspection of the tank, concrete rehabilitative work, and the installation of new tank flow control valves. Especially significant was the installation of a new 48" diameter pipe feed pipe to provide greatly improved water circulation through the tank.

■ Commenced the replacement of the motor control center at the Raw Water Booster Pump Station which dated back to the station's original construction in 1966. The project consists of new 2300-volt switchgear, pump starters and controllers, new feeders to the motor controls, and a new incoming service feeder.

■ Began construction at the treatment plant of a new coagulant mix system that will provide for the rapid mixing of the ferric sulfate coagulant with the raw water in order to improve the coagulation and sedimentation process.

■ Completed the upgrade of the treatment plant's antiquated heating and ventilation equipment.

■ Utilized a new electromagnetic imaging technology to detect the presence of non-visible broken steel reinforcement wires along a 4-mile long section of the 102" aqueduct. Performed interior and exterior repairs to weakened pipe sections that were identified. Plans are to inspect the remaining ½ mile section of the

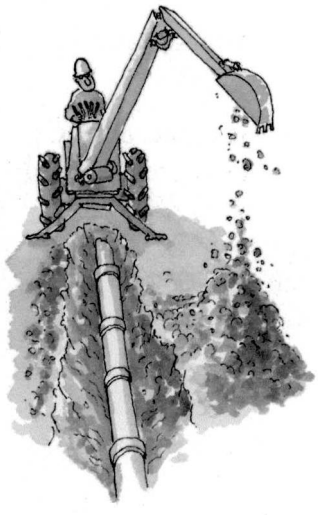


aqueduct as well as the 3.8 mile long 78" aqueduct in FY 2007.

■ Installed a new state-of-the-art acoustically sensitive fiber optic cable system through a 4-mile long section of the 102" aqueduct. Combined with high technology data acquisition equipment, the line provides real-time monitoring on a continuous 24-hour per-day basis to acoustically detect and analyze reinforcing wire breaks as they occur, reducing the need for future internal inspections. Plans are to install the fiber optic system in the remaining section of the 102" aqueduct in FY 2007 as well as in the 78" aqueduct.

Transmission and Distribution

Providence Water's distribution system consists of 930 miles of pipe that delivers drinking water to our customers in Providence, North Providence, Cranston, and parts of Johnston. Additionally, there are large meter connections to wholesale utility customers serving Warwick, Lincoln, Smithfield, East Smithfield, Greenville, East Providence, and the Kent County and Bristol County areas.

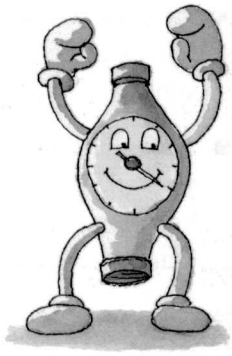


Providence Water's retail distribution system is serviced by three separate pressure zones: low, high, and an extra high pressure zone. Delivering approximately 70% of the total retail water, the Low Pressure Zone serves elevations of up to 140 feet above sea level. The High Pressure Zone supplies customers at elevations of 140 to 230 feet above sea level, while the Extra High Pressure Zone serves customers at elevations of 220 feet to 310 feet above sea level.

With more than 74,000 active service connections and 6000 fire hydrants in Providence Water's distribution system, meeting the needs of new and existing customers is a twenty-four hour, seven-day-a-week ongoing operation. Staffed by well-trained, licensed construction crews, everyday tasks included replacing old pipes, removing lead services, repairing and/or replacing fire hydrants, and connecting new services, even in the icy cold of winter or the sweltering heat of summer.

New services installed:	**287**
Large service installations:	**67**
Existing services replaced:	**192**
Existing Valves replaced:	**16**
Hydrants replaced:	**106**
Hydrants repaired:	**153**
Dig ups (AMR program):	**306**

Customer Service



A major goal at Providence Water is to provide top quality customer service to our 600,000 consumers by maintaining the most reliable metering and billing system to accurately measure our customer's consumption and respond to customer inquiries.

In FY 2006, our customer service department entered the final phase of our Automatic Meter Reading, or AMR program. The implementation of our AMR program has improved the service we provide to our customers across the board. Increased actual reads and timely billing schedules have reduced customer complaints and inquiries. The accuracy of our bills has also assisted in the reduction of our aged receivable balance because fewer bills are disputed. The actual meter readings provided by our AMR system allows Providence Water to analyze "out-of-range" consumption reports. This analysis alerts us to respond when a customer's consumption exceeds normal limits. In most cases, we are able to identify wasteful leaks in a short period of time before it becomes very costly to the customer.

Also, in FY 2006, our customer service people began administering the large meter program that was previously handled by another department. Eighteen large meters were replaced and 62 meters were tested. By shifting the responsibility to administer the large meter program to our customer service group, the transfer of information and the meter reading automation was faster and more efficient.

We also became more efficient by automating the title search process that allowed us to reduce the time on processing title requests from three days to one day and made the process completely electronic.

Another service instituted this past year for our customers was the acceptance of credit card payments from our customers. This convenience was implemented on July 13, 2006.

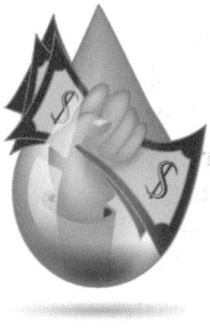
We also improved our collection process by instituting a system of automated collection calls know as reverse 911. A pilot program commenced on June 12, 2006, and approximately 2,000 calls were made to delinquent customers by June 30, 2006.

Other specific accomplishment within our customer service department include:

- Installed 7,300 AMR meters. System is 89% converted to AMR up from 80% (FY2005). Actual read percentage on AMR accounts is 99.50%

- Rendered 310,768 water bills in FY 2006. 85% of our quarterly bills were based on actual reads up from 79% (FY2005)

- Reduced the aged receivable balance by $3,508,008 for accounts that were outstanding greater than 30 days in FY 2006



Finance

The Finance department monitors costs and revenues to ensure compliance with budget appropriations. All requisitions and disbursements are reviewed for appropriateness and funding. Financial record keeping is done to ensure accuracy and consistency. But Providence Water's Finance Department also is home to Management Information Systems responsibilities as well as Training and Communications programs.

Management information systems are maintained and upgraded to provide our staff with state-of-the-art computer systems and hardware, within funding constraints.

A well trained, professional work staff is a key ingredient to any successful organization. Providence Water earmarks annual budget allocations to specialized training for all Providence Water employees with safety training and operator certification being our top priority.

The Finance Department also coordinates a large number of specific communications with staff, customers, peers and the public to inform them of water quality, treatment, financial and operating issues.

Here's a look at Finance Department accomplishments during FY 2006:

- Property Tax Appeals - continued the appeal process in several communities where the taxed value is excessive.

- Forest Land Appeal - Providence County Superior Court issued a decision on February 3, 2006, which held that Providence Water's DEM-certified forest land is entitled to forest land classification.

- Abbreviated Rate Filing - implemented rate increase providing additional needed revenue to cover increased costs.

- Arbitrage Rebate Calculation - reviewed arbitrage calculations needed and proper IRS tax documentation on bonds issued in 1994.

- Credit Card Payments - began to look into the regulatory requirements needed to support Customer Service Department for the acceptance of credit cards as a payment option for customers. Enhancements were made to the Providence Water Website to accommodate the payments.

- Geographic Information Systems - MIS continued to provide support to the Engineering department, and the vendor, on the on-going implementation of the GIS system, to include data consistency issues and system interface design.

- Network hardware - Upgraded network hardware to provide enhanced connectivity. We also changed internet providers and upgraded the internet connection.

- Hardware/Software - Upgraded hardware, storage capabilities, AMR software and made numerous enhancements to customer service program.

- Cross training - we cross trained Accounting staff to provide the best rotation of staff to critical

functions in the case of absences.

■ Financial reporting - continued to maintain high standards and efficiency during the annual audit process, resulting in few adjustments and quick turnaround of financial statements.

■ Training - With a limited budget and by taking advantage of low and no-cost training opportunities, a total of 360 class enrollments were completed throughout the utility. (63% safety-related courses, 20%) technical training, 7% anti-terrorism/security courses, 4% new hires orientation, 1% specialized supervisory training, 1% specific computer application courses, and 1% people-skills courses.).

Special Projects

Providence Water has been paying particular heed to emergency response, emergency preparedness and evaluation of existing systems and procedures related to security.

The Security Committee reviewed and updated Providence Water's Vulnerability Assessment. All facilities were re-evaluated and any enhancements which were made in the past taken into consideration in developing the current ranking of sites.

Based on the potential of an influenza pandemic (ie. Bird Flu), several training opportunities were presented which provided an indication of both the possible effects and discussed means to mitigate disruptions in case of a pandemic event. A Director-level staff person has participated in the State of Rhode Island Pandemic Flu Advisory Group sponsored by the Department of Health and RI Homeland Security.

Providence Water also participated in a security workshop conducted by the Environmental Protection Agency. This event was "by invitation" and gave the EPA some insight into what areas are of particular importance from our water utility's perspective. The data gathered provides a basis on which EPA can formulate their priorities in the area of research and better allocate funding to the functions which are deemed most important by all the participating utilities.

During the year, the Town of Scituate initiated court proceedings to obtain copies of a number of Providence Water's engineering documents, plans and specifications for their tax consultant's use in our continuing disagreement over tax assessments. Testimony was presented to support our position that detailed system information and/or drawings should, could and would not be provided for outsider use. The court ultimately upheld our position.

Wholesale customer meetings were held to provide a forum and promote communications with our large user base. Several topics were discussed, including one primary discussion about mutual aid agreements with each other. Additional discussions and meetings will continue to attempt to foster the development of mutual aid and formalize the process.

The topic of revising and developing contracts has been broached with our wholesalers and hopefully will culminate with formal agreements in the future. This would better establish the rights and responsibilities of us, as the supplier, as well as those of our customers.

Another project in the works a modernization and revision of Providence Water's "Rules and Regulations" to better reflect the current organization and customer requirements. The last revision to this document was made in 1974.

Support Services

Support Services has done well to create an efficient and effective network of resources enabling Providence Water operating divisions to fulfill the organizational goal of providing a reliable and affordable supply of potable water. This resource network include Facilities Management, Inventory, Intergovernmental Relations, Records Management, Risk Management, Procurement, Safety, Security, Vehicles and Equipment.

Some of our Accomplishments of 2006 are:

■ Streamlined the Purchasing process to be cost effective and efficient. Conducted cost saving measures by entering into a fixed rate for electrical and telephone services and switched our workers' compensation coverage from Beacon to Liberty Mutual.

■ Coordinated and established first Safety Day which included all Providence Water personnel. Developed safety handbook for all employees, including guidelines and procedures. Implemented weekly/ monthly safety talks for all departments, set guidelines, allowing employees to express safety concerns and to become more aware of safety issues.

■ Hired a Security Manager reducing the dependency on outside contractors for the maintenance and repairs of the security system and its components, allowing us to perform adjustments and basic changes within the department and to tailor the system to our own needs and specifications at a lower cost.

■ Successful passage of road salt legislation and hydrant tampering legislation, both proposed by Providence Water. Successfully opposed various legislation and negotiated several legislative exemptions for Providence Water.

■ Performed repairs and upgrades at the Academy Avenue facility. Removed old fence around the perimeter, re-paved majority of the parking lot, installed guardrails and continue to upgrade electrical. Improved drainage conditions in the rear lot of the building, created new office spaces and updated the boardroom.

■ Furnished and installed a vehicle G.P.S. system which balanced the vehicle replacement plan to better serve the organization; updated about 60 % of the fleet, equipped all of our vehicles with better emergency lighting and two way radios, designed and purchased our first vac-excavator.

Some of our Goals and Objectives for 2007 are:

■ Furnish and install shelving and equipment related to a records storage system, capable of holding over 1,000 banker boxes of records, within our Aqueduct Pump Station facility. Establish and implement related policies and archival procedures.

■ Continue to educate employees to ultimately reduce workers' compensation costs as a result of injuries. Establish each department's responsibilities to monitor/ control its own safety issues and allow safety personnel to coordinate organizational safety issues.

■ Continue to evaluate and implement system wide security upgrades. Increase CCTV storage system to accommodate longer video archiving, replacement of older equipment and institute a testing and maintenance procedure to ensure that all security equipment is functioning as required and that all security devices are tested within a predetermined length of time.

■ Update our needs and vulnerability assessment. This assessment would address every department individually to establish or reform security, policies and procedures. Once department specific determinations are made, then a system wide assessment will be conducted by the Security committee to determine whether any additional changes or additions are needed.

■ Upgrade our fuel management system and monitor vehicles to reduce our overall fuel cost. Computerize inventory control systems by installing a bar coding system on all inventory items. Continue to work with various departments on reconciling work orders and material reordering points.

■ Begin the process of the purchase, engineering, design and construction of a new multi-use facility.

■ One major challenge facing Providence Water is identifying, planning and financing for a replacement facility for both Academy Avenue and Scituate Ave. locations. These facilities are outdated and are becoming costly to maintain. The Providence facility is too small, inadequate and prohibits efficiency. One step taken to remedy this situation was the formation of a new building committee which is actively pursuing various options.

■ Promote the development of mutual aid agreements both at the intrastate as well as interstate level. An intrastate agreement would formally define what the requirements are to request assistance and the cost that may be associated with receiving assistance. On the interstate level, we will be working with the New England Water Works Association and EPA - Region I to promote the development of these agreements between the New England states.

■ Obtain training for our personnel in ICS (Incident Command Structure) and NIMS (National Incident Management System) as is required for all entities to be eligible for Federal DHS funding that may be available in the future.

Looking to Tomorrow

So what's in the foreseeable future to further improve service to our customers?

Providence Water is hoping to implement an on-line payment program known as ACH transactions in early FY 2008. We're also looking at how often we send bills to our customers to determine if it would be makes sense to send lower, more frequent bills to customers, instead of the quarterly system we now utilize. Part of that thought includes the possibility of offering customers the opportunity to receive electronic billing statements or paperless bills on their computers to operate more conveniently and efficiently.

Our customer service department will also be implementing an AMR maintenance program to replace outdated components and meters as they reach the end their useful life.

A maintenance program will also be implemented for our large meter program. Water meters 3" and larger will be tested annually to ensure that they are operating within A WW A standards.

In the upcoming next few years, we see the full implementation of the GIS system radically transforming our way of operating. Asset and system-wide operating information, which is so critical to the management of a water utility, will be much more readily and easily available to all. It will provide analytical and reporting capabilities that presently do not exist and provide Providence Water with enhanced management and decisionmaking tools.

Besides the great operational benefits, this will be especially critical as our infrastructure replacement program will begin to show an increasing focus towards distribution system upgrade work, including our need to replace the more than 25,000 lead services still in existence in our system. Our GIS system's ability to identify and track targeted assets and its database management and analysis functions will prove invaluable to this effort.

The quality of Providence Water has many challenges facing it in the next few years. The U.S. EP A and State Department of Health under the Safe Drinking Water Act continue to promulgate new, increasingly strict regulations. Making compliance increasingly difficult is the fact that many of these regulations, although striving to make our product safer, actually conflict with one another. Providence Water is positioning itself to address these conflicting regulations while improving and providing our customers with the best product possible.

To this end, we are currently in the planning stages of determining the most effective treatment options possible, utilizing today' s technology, which will serve our customers well into the future. Included is a project which will modify the way we filter our water, from the filter media utilized to the backwashing process. In addition, we are exploring improved methods available for optimizing our ability to control corrosion in piping systems thereby protecting our users from contaminants such as Lead.

Through modern technology and a well-trained staff, we feel that we will be well prepared to meet these and other challenges as they arise in the future .

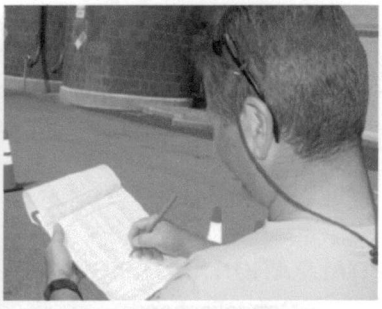
Respectfully submitted,

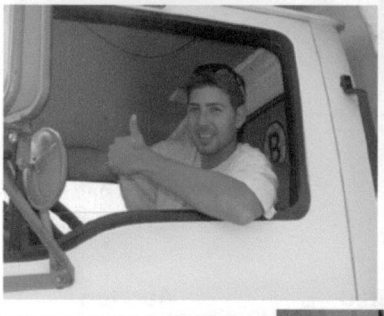
Pamela M Marchand

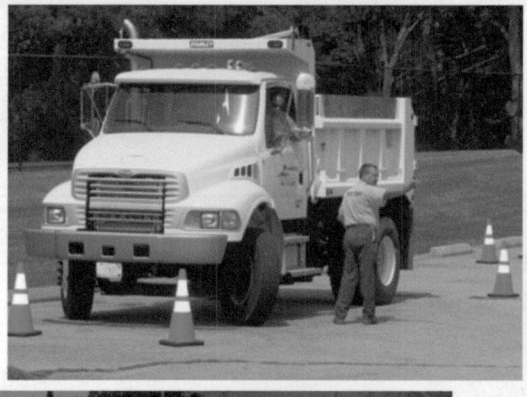
Pamela M. Marchand, P.E.
Chief Engineer and General Manager

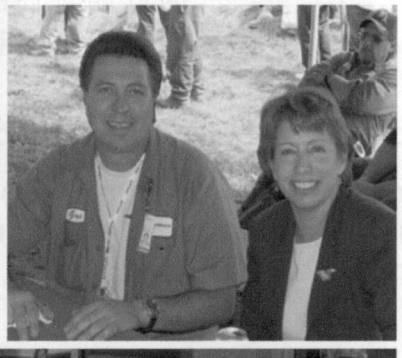
Providence Water Safety Awareness Day – August 31, 2006

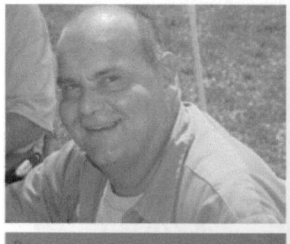
Safety Jeopardy - Safety Manual - Truck Safety Rodeo - Safety Procedure Review - Lunch - Safety Video Review - "Safety Rules are your Best Tools"

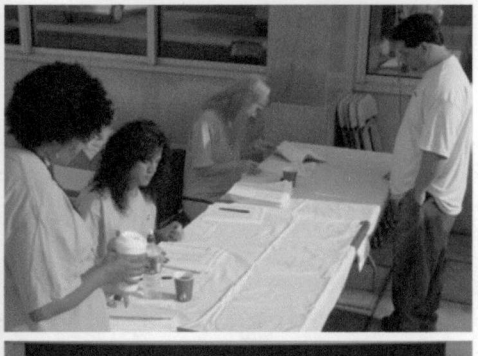


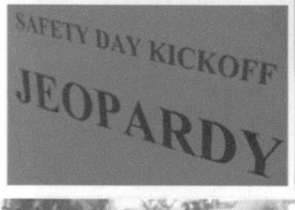












Providence Water Supply Board
Balance Sheets Summary
for the Years Ended June 30, 2005, and 2006

	Audited 2006	Audited 2005
ASSETS		
Property, Plant and Equipment	$281,452,815	$264,668,394
Less Accumulated Depreciation and Amortization	104,109,692	92,219,486
Net Property, Plant and Equipment	177,343,122	170,448,908
Total Operating Current Assets	15,610,708	14,905,018
Total Restricted Current Assets	24,078,390	22,634,726
Total Current Assets	39,,689,098	37,539,744
Total Assets	**$217,032,220**	**$207,988,652**
CAPITALIZATION AND LIABILITIES		
Capitalization		
Total Capitalization	$180,441,732	$169,497,493
Total Long-term Debt	14,828,724	18,572,813
Total Operating Current Liabilities	18,045,914	18,450,657
Total Restricted Current Liabilites	3,715,850	1,467,689
Total Current Liabilities	21,761,764	19,918,347
Total Liabilities and Capitalization	**$217,032,220**	**$207,988,652**

Providence Water Supply Board
Summary Statement of Revenue and Expenses
for the Years Ended June 30, 2005, and 2006

	Audited 2006	Audited 2005
Total Operating Revenues	50,217,006	46,839,482
Total Operating Expenses	42,445,314	40,871,202
Operating Income (Loss)	7,771,692	5,968,280
Net Non-Operating Revenues (Expenses)	1,863,135	843,675
Capital Grant & Contribution	1,309,412	1,464,052
Net Income	**10,944,239**	**8,276,007**
Increase in Retained Earnings	10,944,239	8,276,007
Retained Earnings - beginning of year	111,394,737	103,118,730
Retained Earnings - end of year	**$122,338,976**	**$111,394,737**

Summary Statement of Contributed Capital and Retained Earnings
for the Years Ended June 30, 2005, and 2006

	Contributed Capital	Reserved Retained Earnings	Unreserved Retained Earnings	Total Retained Earnings
Balance at June 30, 2005	$58,102,756	$102,266,565	$9.128,172	$169,497,493
Balance at June 30, 2006	**$58,102,756**	**$111,347,669**	**$10,991,307**	**$180,441,732**

2006 Annual Report

Providence Water Supply Board

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Providence Water

2006 ANNUAL REPORT

Volume II

Engineering and Statistical Data

Pamela M. Marchand, P.E.

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Publication Team

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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, 2006, as well as selected historical data dating back to the inception of the water supply system in the early 1900s.

Included in the report is 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 2006 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

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TABLE 1

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

YEAR ENDING JUNE 30, 2006

MONTH	ROCKY HILL	HOPKINS MILLS	SCITUATE	WESTCOTT	GAINER DAM	MONTHLY AVERAGE
JUL	3.52	2.16	2.70	1.93	3.50	2.76
AUG	3.01	1.77	3.97	2.74	3.40	2.98
SEP	2.27	2.66	3.53	2.97	3.42	2.97
OCT	19.24	16.66	17.54	16.24	16.98	17.33 [1]
NOV	6.20	4.06	5.13	4.12	4.31	4.76
DEC	5.33	4.38	4.42	4.23	3.72	4.42
JAN	7.44	6.15	5.48	5.56	5.33	5.99
FEB	4.33	3.49	3.28	3.50	3.47	3.61
MAR	1.43	0.68	0.68	0.73	0.65	0.83 [2]
APR	2.59	3.02	3.71	2.92	2.93	3.03
MAY	12.21	7.59	7.86	7.09	7.96	8.54
JUN	22.11	13.50	13.23	10.70	11.19	14.15 [3]
TOTAL						71.37 [4]

NOTES:
1, The highest recorded rainfall for the month of October over the ninety year watershed reporting history.
2, The lowest recorded rainfall for the month of March over the ninety year watershed reporting history.
3, The highest recorded rainfall for the month of June over the ninety year watershed reporting history.
4, The highest recorded rainfall for the reporting year July 1 to June 30 over the ninety year watershed reporting history.

TABLE 2

MONTHLY AND YEARLY RAINFALL IN INCHES ON THE SCITUATE WATERSHED

YEAR ENDING JUNE 30, 2006

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)

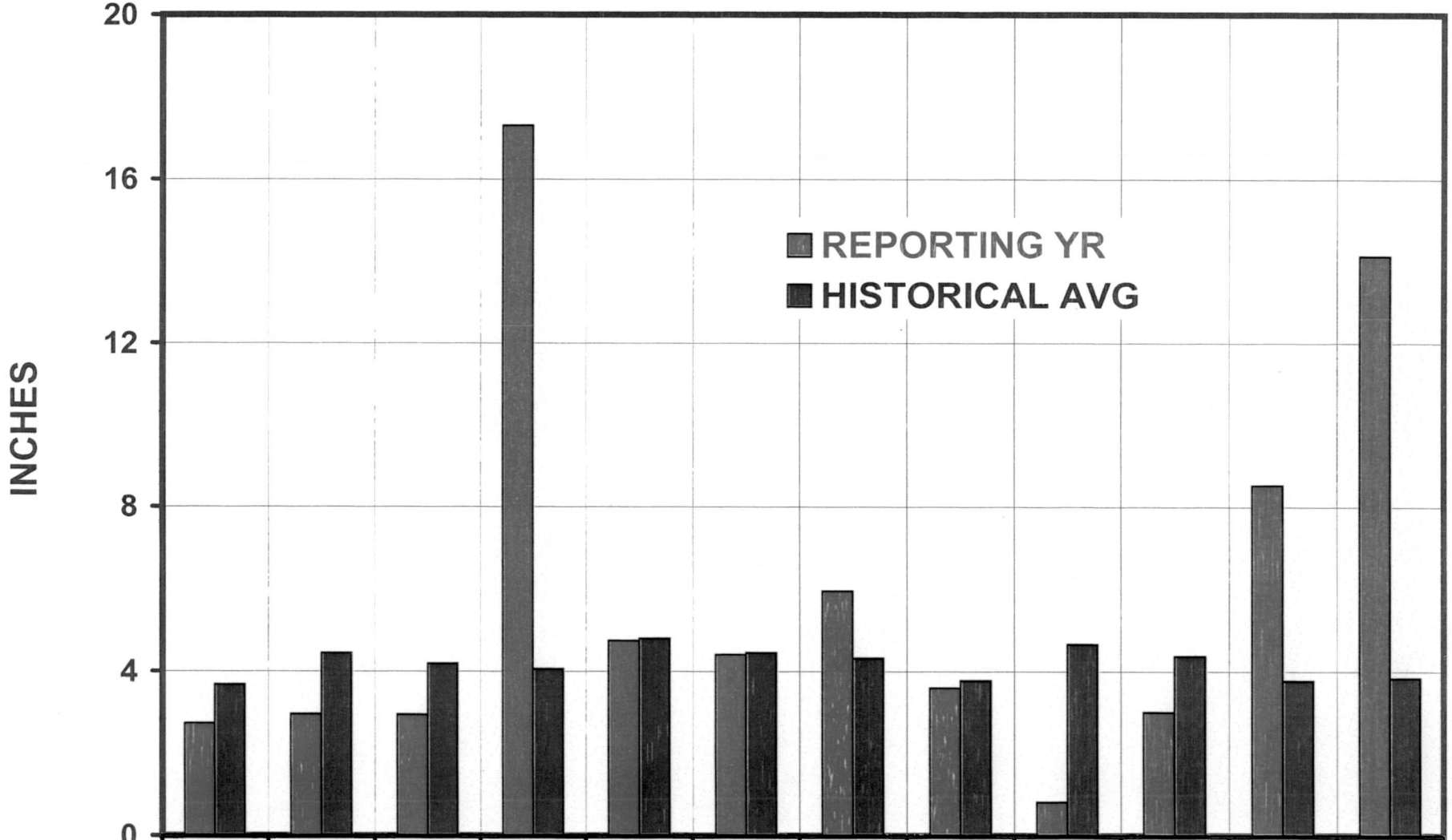
MONTHLY AND YEARLY RAINFALL IN INCHES ON THE SCITUATE WATERSHED

YEAR ENDING JUNE 30, 2006

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	
90 YEAR AVERAGE	**3.69**	**4.46**	**4.20**	**4.07**	**4.82**	**4.47**	**4.33**	**3.79**	**4.68**	**4.39**	**3.79**	**3.85**	**50.55**		**50.54**
90 YEAR MAXIMUM	**11.49**	**12.75**	**11.75**	**17.33**	**10.48**	**10.93**	**14.42**	**7.66**	**10.42**	**12.09**	**9.36**	**14.15**	**71.37**		**75.24**
90 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	2.76	2.98	2.97	17.33	4.76	4.42	5.99	3.61	0.83	3.03	8.54	14.15
HISTORICAL AVG	3.69	4.46	4.20	4.07	4.82	4.47	4.33	3.79	4.68	4.39	3.79	3.85

TABLE 3

MONTHLY AND YEARLY RUNOFF IN INCHES ON THE SCITUATE WATERSHED

YEAR ENDING JUNE 30, 2006

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, 2006

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	26.58	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	
							90 YEAR AVERAGE								
	0.50	**0.53**	**0.57**	**0.98**	**1.97**	**2.75**	**3.00**	**2.84**	**4.58**	**3.73**	**2.42**	**1.26**	**25.13**		**25.19**
							90 YEAR MAXIMUM								
	6.93	**4.04**	**4.39**	**7.22**	**6.75**	**6.85**	**10.75**	**5.50**	**11.51**	**10.33**	**5.25**	**6.36**	**40.97**		**43.96**
							90 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, 2006

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	96.3	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, 2006

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	
							90 YEAR AVERAGE								
	13.6	**11.9**	**13.5**	**24.0**	**40.9**	**61.6**	**69.2**	**74.9**	**98.0**	**85.1**	**63.8**	**32.7**	**49.7**		**49.3**
							90 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**
							90 YEAR MINIMUM								
	-42.7	**-109.7**	**-205.0**	**-23.8**	**8.5**	**17.2**	**11.8**	**20.3**	**52.4**	**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, 2006

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	285.61	430	454.21	455	345.24	864	302.10	735	633.38	718	3,202	102.14	282.91	35,434	96.79	38,636	97.21
AUG	285.52	423	453.95	440	344.98	843	301.82	707	633.14	700	3,113	99.30	279.93	32,306	88.24	35,419	89.11
SEP	285.52	423	453.50	415	344.37	795	301.45	670	633.03	691	2,994	95.50	276.53	28,830	78.75	31,824	80.07
OCT	285.55	425	453.30	403	343.25	709	301.12	638	632.82	676	2,851	90.94	273.70	26,100	71.29	28,951	72.84
NOV	285.67	435	454.58	476	345.50	885	302.22	748	634.87	834	3,378	107.75	280.66	33,047	90.27	36,425	91.64
DEC	285.80	445	454.75	486	345.78	907	302.35	761	634.21	782	3,381	107.85	283.40	35,958	98.22	39,339	98.98
JAN	285.77	443	454.71	484	345.66	898	302.30	756	633.96	763	3,344	106.67	285.50	38,270	104.53	41,614	104.70
FEB	285.75	441	455.20	512	345.70	901	302.32	758	634.00	766	3,378	107.75	285.50	38,270	104.53	41,648	104.79
MAR	285.65	433	454.51	472	345.26	866	302.19	745	633.92	760	3,276	104.50	285.19	37,929	103.60	41,205	103.67
APR	285.60	429	454.32	461	345.30	869	302.15	741	633.48	726	3,226	102.90	284.61	37,283	101.84	40,509	101.92
MAY	285.60	429	454.40	466	345.28	867	302.13	739	633.72	744	3,245	103.51	284.51	37,171	101.53	40,416	101.69
JUN	285.65	433	454.50	472	345.38	875	302.20	746	633.82	752	3,278	104.56	285.18	37,918	103.57	41,196	103.65
JUL	285.71	438	454.63	479	345.52	887	302.36	762	634.22	783	3,349	106.83	285.41	38,171	104.26	41,520	104.46

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, 2006

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

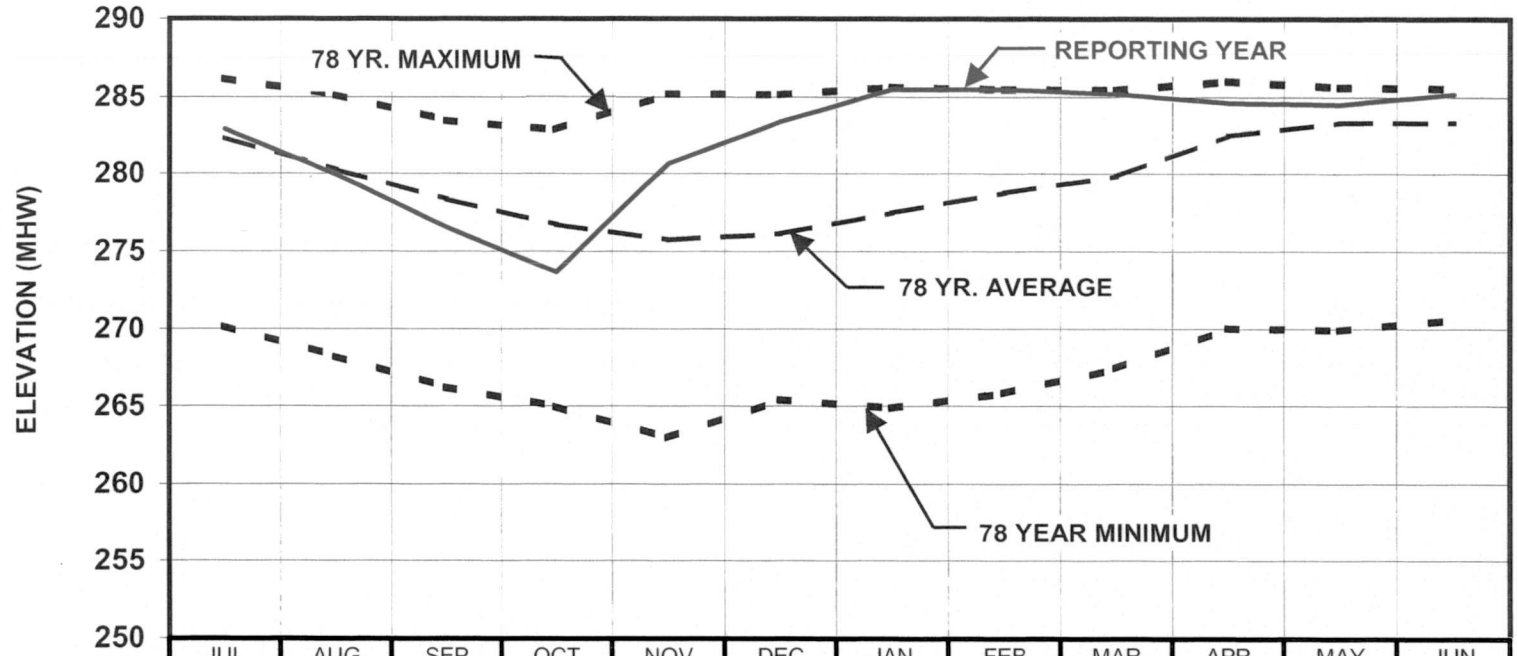
YEAR ENDING JUNE 30, 2006

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
						78 YEAR AVERAGE						
	282.32	280.26	278.34	276.72	275.74	276.14	277.48	278.78	279.84	282.49	283.33	283.34
						78 YEAR MAXIMUM						
	286.17	285.14	283.47	282.87	285.21	285.16	285.65	285.50	285.47	286.03	285.65	285.58
						78 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, 2005 T0 JUNE 30, 2006



	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
AVG	282.32	280.26	278.34	276.72	275.74	276.14	277.48	278.78	279.84	282.49	283.33	283.34
MAX	286.17	285.14	283.47	282.87	285.21	285.16	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.	282.91	279.93	276.53	273.70	280.66	283.40	285.50	285.50	285.19	284.61	284.51	285.18

TABLE 7

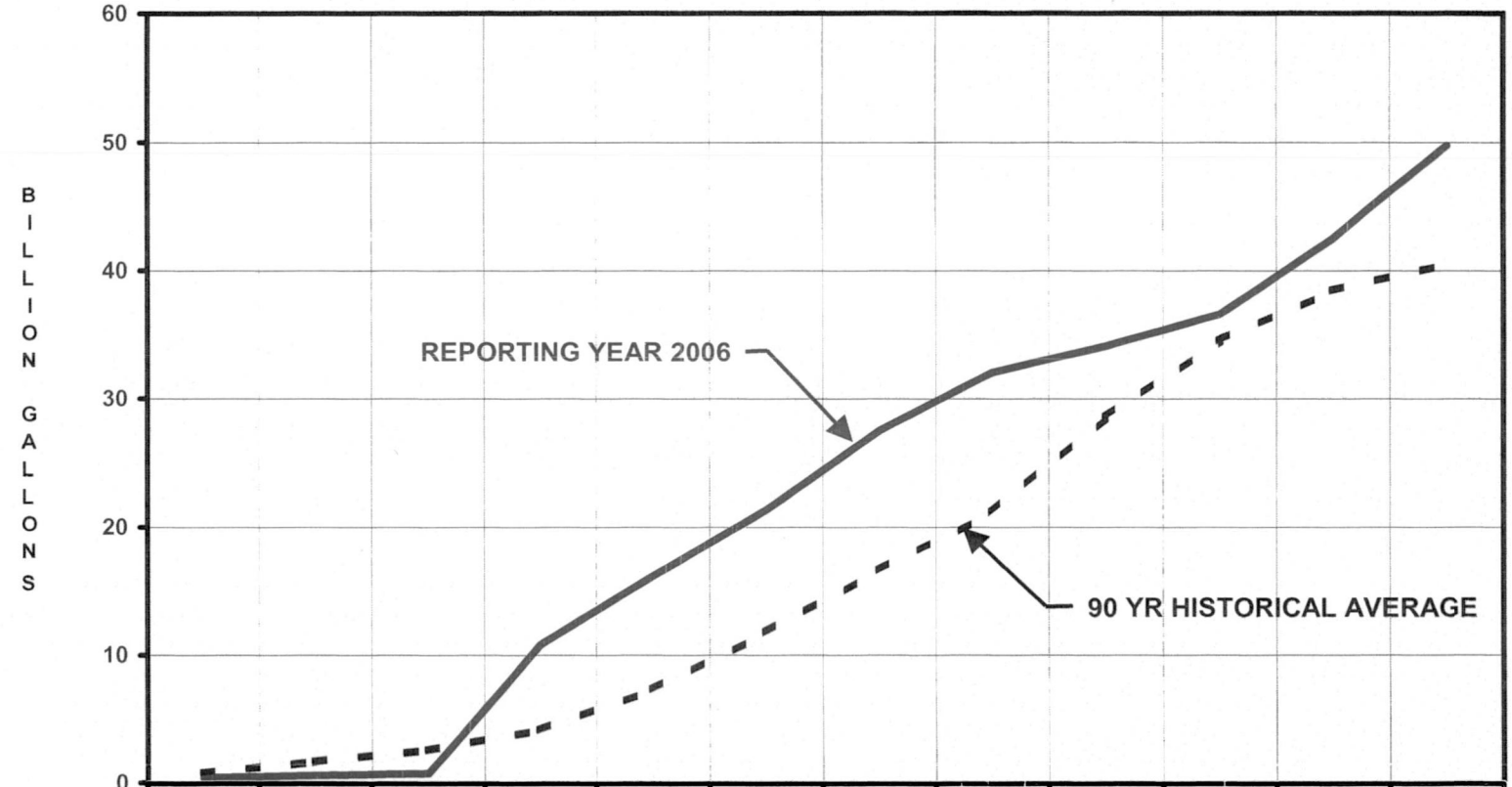
DRAFT & YIELD

YEAR ENDING JUNE 30, 2006

DRAFT FROM SCITUATE RESERVOIR							YIELD FROM WATERSHED			
MONTH	DOWNSTREAM DISCHARGE			INFLUENT	DRAFT					
	OVER SPILLWAY (MG)	THROUGH GATE HOUSE (MG)	TOTAL (MG)	TO WATER PURIFICA-TION WORKS (MG)	TOTAL (MG)	AVERAGE PER DAY (MGD)	GAIN / LOSS IN STORAGE (MG)	YIELD (MG)	AVERAGE PER DAY (MGD)	90 YEAR AVERAGE PER DAY (MGD)
JUL	0.00	371.75	371.75	3,269.65	3,641.40	117.46	(3,217)	424.40	13.69	26.17
AUG	0.00	363.66	363.66	3,412.95	3,776.61	121.83	(3,595)	181.61	5.86	27.61
SEP	0.00	345.39	345.39	2,673.19	3,018.58	100.62	(2,873)	145.58	4.85	30.57
OCT	0.00	324.96	324.96	2,287.53	2,612.49	84.27	7,474	10,086.49	325.37	50.77
NOV	0.00	359.38	359.38	2,016.18	2,375.56	79.19	2,914	5,289.56	176.32	105.94
DEC	540.25	377.81	918.06	2,052.26	2,970.32	95.82	2,275	5,245.32	169.20	143.15
JAN	3,625.42	380.12	4,005.54	2,070.11	6,075.65	195.99	34	6,109.65	197.09	155.98
FEB	2,915.78	232.81	3,148.59	1,866.27	5,014.86	179.10	(443)	4,571.86	163.28	161.97
MAR	289.20	366.92	656.12	2,128.68	2,784.80	89.83	(696)	2,088.80	67.38	238.43
APR	145.40	366.08	511.48	2,084.66	2,596.14	86.54	(93)	2,503.14	83.44	200.70
MAY	2,574.68	171.04	2,745.72	2,288.23	5,033.95	162.39	780	5,813.95	187.55	125.88
JUN	4,169.93	367.81	4,537.74	2,400.54	6,938.28	231.28	324	7,262.28	242.08	67.75
TOTAL	**14,260.66**	**4,027.73**	**18,288.39**	**28,550.25**	**46,838.64**		**2,884.00**	**49,722.64**		
AVERAGE						**128.33**			**136.23**	**110.97**

CUMULATIVE WATERSHED YIELD

REPORTING YEAR vs HISTORICAL AVERAGE



	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
REPORTING YEAR 2006	0.42	0.61	0.75	10.84	16.13	21.37	27.48	32.05	34.14	36.65	42.46	49.72
90 YR HISTORICAL AVG	0.81	1.66	2.58	4.16	7.34	11.77	16.61	21.19	28.58	34.59	38.49	40.53

TABLE 8

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

YEAR ENDING JUNE 30,2006

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	
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, 2006

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	718	3,269.65	105.47	3,070.72	99.06	44.92	1.45	1.46	3,025.80	97.61	721	7	15	12
AUG	721	3,412.95	110.10	3,163.37	102.04	41.61	1.34	1.32	3,121.76	100.70	718	7	15	12
SEP	702	2,673.19	89.11	2,481.75	82.73	50.79	1.69	2.05	2,430.96	81.03	701	7	16	12
OCT	720	2,287.53	73.79	2,144.66	69.18	40.51	1.31	1.89	2,104.15	67.88	712	7	14	12
NOV	700	2,016.18	67.21	1,862.04	62.07	27.91	0.93	1.50	1,834.13	61.14	699	9	15	13
DEC	718	2,052.26	66.20	1,831.46	59.08	24.03	0.78	1.31	1,807.43	58.30	720	8	15	13
JAN	715	2,070.11	66.78	1,819.03	58.68	26.21	0.85	1.44	1,792.82	57.83	714	8	13	16
FEB	700	1,866.27	66.65	1,632.89	58.32	27.72	0.99	1.70	1,605.17	57.33	658	8	15	13
MAR	722	2,128.68	68.67	1,819.54	58.69	22.98	0.74	1.26	1,796.56	57.95	720	9	15	12
APR	687	2,084.66	69.49	1,841.21	61.37	27.04	0.90	1.47	1,814.17	60.47	674	10	17	13
MAY	648	2,288.23	73.81	2,121.14	68.42	26.93	0.87	1.27	2,094.21	67.56	650	8	17	13
JUN	712	2,400.54	80.02	2,373.77	79.13	24.03	0.80	1.01	2,349.74	78.32	696	9	17	12
TOTAL	**8,463.05**	**28,550.25**		**26,161.58**		**384.68**			**25,776.90**		**8,383.02**			
AVG	**705.25**		**78.22**		**71.68**		**1.05**	**1.47**		**70.62**	**698.59**			**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, 2006

MONTH	FILTERS				FERRIC-FLOC (LIQUID) INFLUENT		QUICKLIME - INFLUENT		QUICKLIME - FILTERED WATER		CHLORINE - FILTERED 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	195	6.3	48.00	145,557	1.764	443,358	0.949	185,419	0.423	27,286	1.066	11,670	0.87
AUG	8.00	223	7.2	42.00	150,029	1.742	403,897	0.828	220,253	0.487	33,630	1.276	11,968	0.86
SEP	7.66	272	9.1	25.00	114,434	1.696	357,120	0.935	159,024	0.449	30,476	1.474	9,616	0.89
OCT	6.33	218	7.0	40.00	74,855	1.297	239,314	0.732	119,323	0.389	29,206	1.634	8,558	0.91
NOV	5.00	141	4.7	63.00	66,448	1.306	209,081	0.726	53,414	0.201	24,568	1.583	7,330	0.90
DEC	5.00	124	4.0	71.00	64,677	1.249	202,392	0.690	71,811	0.274	22,762	1.491	7,620	0.95
JAN	5.00	137	4.4	65.00	57,434	1.099	165,545	0.560	59,894	0.230	20,346	1.342	7,563	0.95
FEB	5.00	141	5.0	57.00	52,102	1.106	145,249	0.545	53,809	0.231	16,286	1.197	6,830	0.96
MAR	5.00	124	4.0	67.00	72,432	1.348	185,428	0.610	61,321	0.236	18,028	1.189	7,550	0.94
APR	5.00	146	4.9	64.00	70,543	1.341	219,583	0.737	42,446	0.161	18,410	1.200	7,492	0.93
MAY	6.00	152	4.9	60.00	77,266	1.338	241,290	0.738	56,939	0.188	21,785	1.232	8,450	0.91
JUN	7.47	127	4.2	60.00	81,704	1.349	235,808	0.688	82,471	0.243	28,750	1.453	9,181	0.88
TOTAL		**2,000**			**1,027,481**		**3,048,065**		**1,166,124**		**291,533**		**103,828**	
AVG	**6.12**		**5.5**	**55.17**		**1.39**		**0.73**		**0.29**		**1.34**		**0.90**

* 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, 2006

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	5.9	11.9	5.5	3.0	49	20.5	0.56	0.001	0.03	0.06	274	267	2,511
Bear Tree Brook	6.2	13.5	6.3	5.6	35	79.0	0.27	0.001	0.15	0.10	622	617	1,835
Blanchard Brook	5.8	11.0	11.7	5.9	174	45.6	0.50	0.004	0.02	0.10	840	285	3,715
Brandy Brook	6.7	12.8	3.9	9.1	71	10.5	1.06	0.002	0.03	0.11	365	46	1,191
Cork Brook	6.2	11.9	6.5	4.7	53	37.8	0.32	0.002	0.04	0.08	302	160	764
Coventry Brook	5.9	14.3	7.4	3.6	55	32.9	0.37	0.002	0.03	0.10	622	612	1,125
Dolly Cole Brook	5.8	13.2	5.7	3.3	45	28.4	0.54	0.001	0.02	0.11	140	29	3,113
Fire Tower Stream	5.8	13.0	6.5	3.1	29	4.1	0.24	0.001	0.03	0.05	717	138	798
Halls Estate Brook	5.7	10.7	7.8	3.8	31	11.6	0.30	0.002	0.02	0.11	88	80	2,503
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	5.6	12.7	6.8	3.2	118	26.5	0.48	0.002	0.02	0.09	478	452	3,576
Huntinghouse Brook	6.2	11.0	5.8	6.4	34	11.1	0.44	0.002	0.02	0.11	416	105	1,717
Kent Brook	6.3	14.1	7.3	5.9	35	4.2	0.74	0.002	0.02	0.07	86	13	1,992
Kimball Brook	6.4	11.9	6.6	9.2	75	36.6	0.57	0.002	0.08	0.11	66	59	4,347
Kimball Stream	6.4	11.1	6.9	9.1	66	33.8	1.07	0.002	0.00	0.11	94	94	2,453
Kings Pond Stream	6.2	13.2	5.4	3.9	27	2.6	0.28	0.001	0.02	0.28	230	121	390
Moswansicut Reservoir	6.8	12.9	3.2	8.4	27	39.3	1.01	0.002	0.02	0.09	249	243	803
Moswansicut South	6.5	11.9	6.9	14.2	34	46.8	3.31	0.006	0.18	0.09	1,107	625	4,205
Unnamed North of Bull.	5.9	11.0	6.0	4.0	18	58.3	0.21	0.001	0.09	0.06	1,625	1,625	3,380
Paine Pond Brook	5.7	11.9	13.7	4.7	74	32.1	0.33	0.001	0.00	0.15	15	15	4,163

NOTE 1: Fiscal Year Average - July 2005- June 2006

TABLE 10 (cont'd)

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

YEAR ENDING JUNE 30, 2006

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	6.4	13.3	6.4	9.4	35	35.3	0.67	0.002	0.03	0.05	760	252	2,512
Pine Swamp Brook	6.4	12.4	5.9	6.3	75	8.3	0.92	0.004	0.04	0.25	337	177	900
Ponaganset @ Ramstail	6.0	13.6	5.2	4.2	43	22.7	0.65	0.002	0.03	0.11	685	261	1,784
Ponaganset Reservoir	5.5	13.2	4.1	2.6	15	11.6	0.42	0.001	0.02	0.03	40	14	841
Quonopaug Brook	6.2	11.5	9.5	10.7	100	39.4	0.73	0.002	0.03	0.10	791	434	2,202
Regulating Reservoir	6.6	12.7	4.4	7.8	31	35.3	0.67	0.002	0.01	0.08	127	69	1,341
Rush Brook	6.5	11.3	4.8	6.4	36	41.5	0.56	0.002	0.02	0.10	584	79	1,761
Shippee Brook	5.8	12.7	5.4	3.7	33	11.0	0.29	0.001	0.02	0.20	24	24	1,083
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	5.93	15.25	5.75	4.0	57	17.4	1.33	0.001	0.07	0.12	96	66	868
Toad Pond	6.30	9.05	11.10	9.8	35	44.1	0.70	0.009	0.38	0.39	1,208	54	1,480
Unnamed Brook A	6.27	10.77	8.77	8.7	66	58.9	0.39	0.001	0.02	0.19	20	19	2,247
Unnamed Brook West of Windsor	5.70	11.67	8.73	3.2	22	9.8	0.28	0.001	0.08	0.07	822	30	737
Unnamed North of Westconnaug	5.73	10.53	13.80	4.6	80	43.7	0.92	0.002	0.03	0.05	813	808	3,653
Unnamed South of Westconnaug	5.45	12.63	13.25	3.6	154	5.6	0.64	0.004	0.02	0.09	1,261	680	3,695
Westconnaug Brook	5.27	11.01	8.35	2.2	26	29.2	0.19	0.001	0.01	0.06	168	55	1,364
Westconnaug Stream	5.70	12.42	5.72	2.4	21	15.4	0.35	0.001	0.02	0.09	33	31	1,432
Wilbur Hollow Brook	6.17	12.94	7.39	6.0	100	14.4	0.97	0.004	0.02	0.08	613	56	1,237
Windsor Brook	6.00	14.80	4.55	3.9	36	22.6	0.27	0.001	0.03	0.13	8	8	2,143

NOTE 1: Fiscal Year Average - July 2005 - June 2006

TABLE 11

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.3	16.3	9.3	15.9	6	23.6	0.001	0.08	0.96	0	0.25	0	4
Aug	10.2	15.5	8.5	17.0	5	24.5	0.002	0.03	0.93	0	0.21	0	4
Sep	10.2	15.4	8.8	17.8	5	24.2	0.003	0.02	0.97	0	0.15	0	5
Oct	10.0	15.2	6.4	14.4	6	24.9	0.002	0.07	1.02	0	0.24	0	6
Nov	9.8	12.1	3.6	9.7	6	24.5	0.001	0.08	1.00	0	0.23	0	4
Dec	9.8	6.7	2.8	8.7	6	24.0	0.001	0.06	1.04	0	0.52	0	3
Jan	9.5	4.9	1.8	7.5	7	23.4	0.001	0.08	1.05	0	0.36	0	4
Feb	9.7	4.5	2.5	8.4	6	23.2	0.001	0.11	0.99	0	0.25	0	3
Mar	9.7	4.8	2.4	8.0	8	23.3	0.001	0.12	0.92	0	0.26	0	3
Apr	9.7	9.1	2.3	8.2	5	22.7	0.001	0.05	0.97	0	0.41	0	4
May	9.6	12.0	2.2	8.1	5	23.0	0.001	0.05	0.92	0	0.26	0	7
Jun	9.6	14.7	2.5	8.7	6	23.3	0.001	0.13	0.89	0	0.36	0	5
Minimum	9.5	4.5	1.8	7.5	5	22.7	0.001	0.02	0.89	0	0.15	0	3
Maximum	10.3	16.3	9.3	17.8	8	24.9	0.003	0.13	1.05	0	0.52	0	7
Average	9.8	10.9	4.4	11.0	6	23.7	0.001	0.07	0.97	0	0.29	0	4

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	10.4	15.4	10.5	17.4	5	23.7	0.001	0.02	0.94	0	0.39	0	8
Aug	10.3	15.1	9.1	18.1	5	23.7	0.002	0.02	0.98	0	0.35	0	4
Sep	10.2	15.7	8.5	17.6	5	24.0	0.002	0.02	1.02	0	0.33	0	9
Oct	10.0	14.6	6.1	13.4	5	24.6	0.003	0.03	1.00	0	0.43	0	7
Nov	9.9	11.5	3.7	9.6	5	24.5	0.001	0.04	0.99	0	0.40	0	5
Dec	9.8	6.8	3.1	8.7	6	23.7	0.001	0.02	1.06	0	0.75	0	5
Jan	9.7	5.0	2.4	7.9	4	23.3	0.001	0.04	1.12	0	0.49	0	5
Feb	9.8	3.5	2.9	8.3	5	23.2	0.001	0.05	1.00	0	0.37	0	1
Mar	9.7	5.2	2.6	8.2	4	22.1	0.001	0.03	0.95	0	0.46	0	2
Apr	9.8	8.8	2.3	8.1	5	22.3	0.001	0.02	0.95	0	0.44	0	5
May	9.6	11.5	2.0	8.0	5	23.1	0.001	0.04	1.00	0	0.28	0	7
Jun	9.6	14.7	2.7	8.9	6	23.3	0.001	0.03	0.93	0	0.51	0	6
Minimum	9.6	3.5	2.0	7.9	4	22.1	0.001	0.02	0.93	0	0.28	0	1
Maximum	10.4	15.7	10.5	18.1	6	24.6	0.003	0.05	1.12	0	0.75	0	9
Average	9.9	10.7	4.7	11.2	5	23.5	0.001	0.03	1.00	0	0.43	0	5

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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
July	10.3	17.7	9.7	16.6	5	23.6	0.001	0.03	0.95	0	0.28	0.010	9
Aug	10.2	15.6	9.0	17.3	5	23.8	0.002	0.03	0.96	0	0.32	0.010	6
Sep	10.1	15.4	8.8	17.4	6	24.3	0.001	0.04	1.00	0	0.35	0.010	7
Oct	10.0	15.1	6.5	13.8	6	24.8	0.001	0.05	1.04	0	0.38	0.010	5
Nov	9.8	12.2	3.5	9.0	6	24.2	0.001	0.05	1.02	0	0.59	0.010	6
Dec	9.7	6.4	2.7	8.3	6	23.9	0.001	0.04	1.08	0	0.59	0.010	4
Jan	9.6	4.8	1.9	7.8	5	23.2	0.001	0.03	1.11	0	0.45	0.010	3
Feb	9.7	4.4	2.3	8.1	5	23.0	0.001	0.06	1.01	0	0.33	0.010	3
Mar	9.6	4.8	2.1	7.7	5	22.8	0.001	0.06	0.99	0	0.36	0.010	3
Apr	9.7	9.1	2.2	7.8	5	22.7	0.001	0.05	0.99	0	0.29	0.010	3
May	9.6	12.0	2.0	7.7	5	22.9	0.001	0.07	0.96	0	0.26	0.010	4
Jun	9.6	14.6	2.7	8.7	6	22.9	0.001	0.05	0.91	0	0.37	0.010	4
Minimum	9.6	4.4	1.9	7.7	5	22.7	0.001	0.03	0.91	0	0.26	0.010	3
Maximum	10.3	17.7	9.7	17.4	6	24.8	0.002	0.07	1.11	0	0.59	0.010	9
Average	9.8	11.0	4.5	10.9	5	23.5	0.001	0.05	1.00	0	0.38	0.010	5

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	10.3	20.4	10.4	17.4	5	23.7	0.001	0.02	0.98	0	0.28	0	7
Aug	10.2	15.3	9.3	16.8	5	23.9	0.002	0.03	1.05	0	0.27	0	6
Sep	10.0	15.4	8.9	17.2	5	24.6	0.002	0.03	0.97	0	0.37	0	1
Oct	9.9	16.2	5.8	14.1	6	23.8	0.002	0.06	1.09	0	0.28	0	4
Nov	9.6	12.1	3.2	9.2	5	24.0	0.001	0.03	1.04	0	0.50	0	2
Dec	9.3	4.8	2.2	8.1	6	24.0	0.001	0.02	1.02	0	0.48	0	4
Jan	9.5	5.2	1.8	7.7	7	23.4	0.001	0.07	1.08	0	0.26	0	3
Feb	9.6	4.7	2.5	8.2	5	22.4	0.001	0.06	0.98	0	0.22	0	4
Mar	9.4	4.4	2.3	8.0	5	23.0	0.001	0.05	0.96	0	0.32	0	8
Apr	9.5	10.3	2.4	7.8	5	23.1	0.002	0.04	0.99	0	0.21	0	13
May	9.5	11.8	1.7	7.7	5	22.5	0.001	0.06	0.92	0	0.21	0	26
Jun	9.5	14.9	2.4	8.6	6	23.4	0.001	0.04	0.85	0	0.40	0	6
Minimum	9.3	4.4	1.7	7.7	5	22.4	0.001	0.02	0.85	0	0.21	0	1
Maximum	10.3	20.4	10.4	17.4	7	24.6	0.002	0.07	1.09	0	0.50	0	26
Average	9.7	11.3	4.4	10.9	5	23.5	0.001	0.04	0.99	0	0.32	0	7

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.4	15.5	11.0	18.3	5	23.9	0.002	0.02	0.95	0	0.05	0	26
Aug	10.3	15.9	10.7	19.3	5	24.3	0.003	0.03	0.96	0	0.05	0	3
Sep	10.0	15.3	7.8	17.8	5	24.5	0.004	0.05	0.99	0	0.14	0	7
Oct	9.8	15.0	5.7	14.6	5	25.9	0.002	0.06	1.01	0	0.03	0	7
Nov	9.9	11.2	3.5	9.3	6	24.2	0.001	0.09	1.02	0	0.32	0	2
Dec	9.2	5.6	1.0	8.1	6	22.5	0.001	0.13	1.10	0	0.20	0	1
Jan	9.6	4.7	2.2	8.0	5	23.6	0.002	0.13	1.07	0	0.16	0	6
Feb	9.4	5.5	2.5	8.3	5	23.3	0.001	0.15	1.15	0	0.12	0	5
Mar	9.5	2.7	1.8	7.3	6	23.8	0.001	0.19	0.96	0	0.18	0	15
Apr	9.6	8.0	2.2	7.6	6	21.4	0.001	0.12	1.02	0	0.10	0	2
May	9.6	11.5	2.1	7.6	8	23.2	0.001	0.17	0.95	0	0.03	0	55
Jun	9.5	15.0	2.5	8.5	7	23.4	0.001	0.09	0.93	0	0.02	0	14
Minimum	9.2	2.7	1.0	7.3	5	21.4	0.001	0.02	0.93	0	0.02	0	1
Maximum	10.4	15.9	11.0	19.3	8	25.9	0.004	0.19	1.15	0	0.32	0	55
Average	9.7	10.5	4.4	11.2	6	23.7	0.002	0.10	1.01	0	0.12	0	12

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	10.3	17.8	9.6	16.7	4	23.6	0.001	0.01	0.97	0	0.32	0	6
Aug	10.1	16.3	8.2	16.1	4	23.9	0.002	0.01	0.91	0	0.13	0	4
Sep	10.1	15.2	8.1	17.0	5	24.2	0.001	0.02	0.98	0	0.22	0	7
Oct	10.1	15.3	6.4	13.6	5	25.0	0.002	0.01	1.05	0	0.26	0	18
Nov	9.9	12.5	3.7	10.3	5	24.4	0.002	0.02	0.98	0	0.23	0	13
Dec	9.9	6.4	3.1	9.2	5	24.2	0.001	0.03	1.03	0	0.18	0	6
Jan	9.7	4.8	2.4	8.5	6	23.0	0.001	0.04	1.11	0	0.25	0	3
Feb	9.8	4.6	2.6	8.4	5	23.1	0.001	0.04	1.02	0	0.12	0	6
Mar	9.7	4.1	2.6	8.4	5	23.0	0.001	0.05	0.99	0	0.11	0	14
Apr	9.7	8.9	2.7	8.3	5	23.6	0.001	0.03	0.97	0	0.16	0	13
May	9.7	12.3	2.2	8.1	5	22.4	0.001	0.03	0.99	0	0.06	0	15
Jun	9.6	14.8	2.7	8.5	6	23.1	0.001	0.05	0.86	0	0.27	0	8
Minimum	9.6	4.1	2.2	8.1	4	22.4	0.001	0.01	0.86	0	0.06	0	3
Maximum	10.3	17.8	9.6	17.0	6	25.0	0.002	0.05	1.11	0	0.32	0	18
Average	9.9	11.1	4.5	11.1	5	23.6	0.001	0.03	0.99	0	0.19	0	9

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.2	19.5	9.5	16.6	5	23.6	0.002	0.03	0.91	0	0.13	0	10
Aug	10.3	15.0	9.6	18.8	5	24.3	0.002	0.04	0.94	0	0.15	0	5
Sep	10.2	15.5	8.6	17.6	4	24.4	0.002	0.03	1.05	0	0.19	0	12
Oct	10.0	14.9	6.6	16.0	6	24.8	0.003	0.03	1.01	0	0.12	0	1
Nov	9.8	12.5	3.7	8.9	5	24.5	0.001	0.04	1.04	0	0.29	0	3
Dec	9.5	5.5	2.0	8.2	5	23.8	0.001	0.01	1.05	0	0.55	0	4
Jan	9.4	4.9	2.1	8.0	6	23.4	0.001	0.07	1.05	0	0.25	0	4
Feb	9.6	4.4	2.0	7.8	5	23.2	0.001	0.13	0.97	0	0.10	0	3
Mar	9.7	4.9	2.4	7.9	6	22.8	0.001	0.04	1.00	0	0.21	0	8
Apr	9.6	9.1	2.3	7.8	5	22.9	0.001	0.06	1.00	0	0.10	0	16
May	9.6	11.3	2.6	7.9	12	23.1	0.001	0.21	0.89	0	0.08	0	46
Jun	9.7	15.0	3.4	9.2	6	22.9	0.001	0.15	0.84	0	0.05	0	27
Minimum	9.4	4.4	2.0	7.8	4	22.8	0.001	0.01	0.84	0	0.05	0	1
Maximum	10.3	19.5	9.6	18.8	12	24.8	0.003	0.21	1.05	0	0.55	0	46
Average	9.8	11.0	4.6	11.2	6	23.6	0.001	0.07	0.98	0	0.19	0	12

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	10.2	16.9	8.4	14.3	5	23.6	0.002	0.02	0.97	0	0.35	0	2
Aug	10.1	15.1	7.4	15.8	5	24.2	0.001	0.02	0.93	0	0.33	0	6
Sep	10.3	15.3	9.4	18.4	5	24.0	0.002	0.02	0.91	0	0.26	0	9
Oct	10.0	15.0	6.1	12.7	5	24.3	0.002	0.04	1.06	0	0.40	0	10
Nov	9.8	12.4	3.1	8.9	5	24.2	0.001	0.02	1.02	0	0.57	0	3
Dec	9.7	5.6	2.6	8.4	5	24.1	0.001	0.03	1.05	0	0.55	0	1
Jan	9.5	4.8	1.6	7.4	6	23.2	0.001	0.09	0.78	0	0.25	0	1
Feb	9.7	4.2	2.0	8.0	5	23.0	0.001	0.10	1.02	0	0.25	0	5
Mar	9.6	5.5	2.2	7.6	6	23.3	0.001	0.10	0.97	0	0.15	0	5
Apr	9.7	8.9	2.7	8.7	9	22.4	0.002	0.24	1.01	0	0.12	0	4
May	9.6	12.4	2.2	5.5	8	22.3	0.001	0.19	0.91	0	0.06	0	6
Jun	9.6	14.9	2.7	8.5	10	22.3	0.001	0.28	0.89	0	0.05	0	6
Minimum	9.5	4.2	1.6	5.5	5	22.3	0.001	0.02	0.78	0	0.05	0	1
Maximum	10.3	16.9	9.4	18.4	10	24.3	0.002	0.28	1.06	0	0.57	0	10
Average	9.8	10.9	4.2	10.4	6	23.4	0.001	0.10	0.96	0	0.28	0	5

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.2	18.8	10.1	16.9	4	23.4	0.001	0.01	0.98	0	0.23	0	7
Aug	10.2	16.8	8.5	18.0	5	24.0	0.002	0.01	0.99	0	0.11	0	7
Sep	10.2	15.4	9.3	18.4	5	24.8	0.007	0.02	1.01	0	0.15	0	6
Oct	10.0	15.5	6.6	14.9	5	25.1	0.001	0.01	1.10	0	0.15	0	12
Nov	9.8	12.0	3.9	9.9	5	24.2	0.001	0.02	1.07	0	0.21	0	3
Dec	9.6	6.5	2.6	8.5	5	24.3	0.001	0.02	1.04	0	0.30	0	4
Jan	9.6	4.3	1.9	7.5	6	23.4	0.001	0.05	1.07	0	0.28	0	5
Feb	9.7	3.9	2.2	8.0	5	23.1	0.001	0.04	0.99	0	0.17	0	3
Mar	9.7	4.9	2.3	8.1	5	22.9	0.001	0.04	0.96	0	0.33	0	3
Apr	9.7	8.7	2.3	7.9	6	23.0	0.001	0.05	0.97	0	0.15	0	9
May	9.6	11.4	2.2	7.9	6	22.4	0.001	0.04	0.92	0	0.11	0	7
Jun	9.6	14.7	2.6	8.8	6	22.9	0.001	0.04	0.91	0	0.08	0	12
Minimum	9.6	3.9	1.9	7.5	4	22.4	0.001	0.01	0.91	0	0.08	0	3
Maximum	10.2	18.8	10.1	18.4	6	25.1	0.007	0.05	1.10	0	0.33	0	12
Average	9.8	11.1	4.5	11.2	5	23.6	0.002	0.03	1.00	0	0.19	0	7

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	10.3	19.1	11.0	18.0	4	23.8	0.001	0.02	0.94	0	0.25	0	4
Aug	10.2	14.9	8.3	16.4	5	23.9	0.001	0.04	0.93	0	0.24	0	3
Sep	10.1	15.6	8.8	17.2	5	24.4	0.002	0.03	0.98	0	0.16	0	4
Oct	10.0	14.8	6.6	13.1	5	24.2	0.002	0.02	1.02	0	0.29	0	4
Nov	9.9	13.4	5.1	10.9	6	24.6	0.001	0.07	1.06	0	0.17	0	3
Dec	9.8	7.2	2.8	8.8	6	24.1	0.002	0.03	1.10	0	0.37	0	2
Jan	9.6	4.9	1.9	7.9	5	23.2	0.001	0.04	1.11	0	0.30	0	3
Feb	9.8	4.4	2.4	8.3	5	22.9	0.001	0.06	0.99	0	0.24	0	3
Mar	9.7	4.0	2.0	7.8	6	22.4	0.001	0.10	0.96	0	0.27	0	2
Apr	9.7	9.0	2.0	7.7	6	21.9	0.001	0.09	0.95	0	0.23	0	4
May	9.6	11.7	2.4	7.9	6	23.5	0.001	0.06	0.92	0	0.12	0	9
Jun	9.6	14.3	2.4	8.6	7	22.6	0.001	0.05	0.94	0	0.20	0	5
Minimum	9.6	4.0	1.9	7.7	4	21.9	0.001	0.02	0.92	0	0.12	0	2
Maximum	10.3	19.1	11.0	18.0	7	24.6	0.002	0.10	1.11	0	0.37	0	9
Average	9.9	11.1	4.6	11.1	6	23.5	0.001	0.05	0.99	0	0.24	0	4

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.2	20.0	8.9	15.8	5	23.5	0.002	0.03	1.02	0	0.14	0	14
Aug	10.2	15.3	9.6	18.2	5	24.0	0.002	0.04	0.97	0	0.15	0	11
Sep	9.9	15.3	8.2	18.1	4	24.8	0.004	0.08	0.95	0	0.19	0	8
Oct	9.8	14.4	6.8	13.5	7	24.8	0.002	0.11	1.00	0	0.19	0	6
Nov	9.8	11.2	3.2	8.9	6	24.3	0.002	0.05	0.97	0	0.29	0	3
Dec	9.8	6.8	3.0	8.1	8	24.0	0.001	0.13	1.07	0	0.32	0	3
Jan	9.7	4.4	2.4	8.0	4	21.8	0.001	0.10	1.03	0	0.21	0	4
Feb	9.6	4.1	2.2	8.1	5	23.4	0.001	0.07	1.02	0	0.28	0	3
Mar	9.4	4.7	1.3	7.7	6	21.4	0.001	0.14	0.97	0	0.17	0	3
Apr	9.7	8.0	2.0	7.7	6	22.1	0.001	0.13	1.03	0	0.17	0	3
May	9.6	11.8	2.0	7.6	6	22.2	0.001	0.10	0.99	0	0.07	0	14
Jun	9.1	15.9	2.4	8.7	5	23.0	0.001	0.02	0.91	0	0.13	0	5
Minimum	9.1	4.1	1.3	7.6	4	21.4	0.001	0.02	0.91	0	0.07	0	3
Maximum	10.2	20.0	9.6	18.2	8	24.8	0.004	0.14	1.07	0	0.32	0	14
Average	9.7	11.0	4.3	10.9	6	23.3	0.002	0.08	0.99	0	0.19	0	6

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	10.2	18.1	8.9	15.8	4	23.1	0.002	0.01	0.99	0	0.03	0	6
Aug	10.2	16.9	9.2	17.5	5	23.8	0.002	0.01	0.97	0	0.02	0	9
Sep	10.1	15.8	8.5	17.6	4	24.6	0.001	0.02	1.06	0	0.09	0	7
Oct	10.2	15.2	6.7	15.4	5	24.5	0.002	0.02	1.07	0	0.09	0	6
Nov	9.8	12.5	4.0	10.7	5	24.2	0.002	0.02	1.07	0	0.06	0	5
Dec	9.7	6.7	3.0	8.9	5	24.2	0.002	0.02	1.06	0	0.08	0	4
Jan	9.6	4.9	2.2	8.1	5	23.7	0.001	0.05	1.08	0	0.06	0	5
Feb	9.6	4.1	2.4	8.3	4	23.2	0.001	0.04	1.04	0	0.07	0	3
Mar	9.7	4.9	2.4	7.9	6	22.9	0.001	0.05	0.96	0	0.07	0	4
Apr	9.7	8.7	2.0	7.9	5	22.7	0.001	0.04	0.98	0	0.05	0	3
May	9.6	12.1	2.2	8.0	5	23.2	0.001	0.04	0.93	0	0.03	0	13
Jun	9.6	14.7	2.9	8.9	5	23.1	0.001	0.04	0.92	0	0.01	0	10
Minimum	9.6	4.1	2.0	7.9	4	22.7	0.001	0.01	0.92	0	0.01	0	3
Maximum	10.2	18.1	9.2	17.6	6	24.6	0.002	0.05	1.08	0	0.09	0	13
Average	9.8	11.2	4.5	11.3	5	23.6	0.001	0.03	1.01	0	0.06	0	6

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.3	15.8	9.1	15.6	4	23.4	0.002	0.01	0.96	0	0.16	0	3
Aug	10.2	16.0	9.4	17.4	4	23.8	0.002	0.02	0.90	0	0.23	0	5
Sep	10.1	15.3	8.4	17.1	5	24.4	0.002	0.01	0.98	0	0.21	0	7
Oct	10.0	14.9	5.8	14.3	5	24.8	0.001	0.03	1.05	0	0.29	0	7
Nov	9.8	12.5	3.3	9.4	5	24.9	0.001	0.03	0.97	0	0.39	0	9
Dec	9.8	9.6	3.6	9.5	5	24.4	0.001	0.04	0.96	0	0.31	0	8
Jan	9.6	4.7	1.8	8.0	5	23.3	0.001	0.05	1.11	0	0.32	0	8
Feb	9.6	4.9	2.0	8.1	5	23.1	0.001	0.06	1.00	0	0.23	0	4
Mar	9.6	5.0	2.3	7.7	5	22.8	0.001	0.05	0.98	0	0.21	0	6
Apr	9.6	9.4	2.3	8.1	5	23.0	0.001	0.03	0.99	0	0.21	0	8
May	9.6	12.3	2.2	7.8	5	22.3	0.001	0.05	0.95	0	0.12	0	37
Jun	9.6	14.6	2.7	8.8	6	23.1	0.001	0.04	0.90	0	0.25	0	9
Minimum	9.6	4.7	1.8	7.7	4	22.3	0.001	0.01	0.90	0	0.12	0	3
Maximum	10.3	16.0	9.4	17.4	6	24.9	0.002	0.06	1.11	0	0.39	0	37
Average	9.8	11.3	4.4	11.0	5	23.6	0.001	0.04	0.98	0	0.24	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	10.2	15.3	8.4	14.5	4	23.9	0.001	0.03	0.96	0	0.18	0	1
Aug	10.2	15.3	8.4	16.2	5	24.2	0.002	0.01	0.96	0	0.14	0	4
Sep	10.2	15.4	9.0	17.8	5	24.2	0.002	0.02	0.95	0	0.19	0	2
Oct	10.0	15.1	6.6	13.8	7	24.5	0.001	0.05	1.04	0	0.27	0	8
Nov	9.7	12.9	3.3	9.0	6	24.1	0.002	0.08	1.05	0	0.40	0	6
Dec	9.7	5.6	2.7	8.2	5	24.1	0.001	0.04	1.06	0	0.44	0	3
Jan	9.3	4.7	1.4	7.3	6	22.7	0.001	0.07	1.10	0	0.43	0	3
Feb	9.7	5.1	2.3	8.0	5	23.1	0.001	0.06	0.95	0	0.27	0	4
Mar	9.6	3.2	1.5	7.3	6	23.1	0.001	0.07	0.99	0	0.39	0	0
Apr	9.7	9.7	2.6	8.2	6	22.4	0.002	0.06	0.98	0	0.24	0	5
May	9.5	11.8	1.9	7.9	6	22.6	0.001	0.05	0.90	0	0.11	0	10
Jun	9.6	14.9	2.6	9.0	6	23.4	0.001	0.10	0.86	0	0.20	0	6
Minimum	9.3	3.2	1.4	7.3	4	22.4	0.001	0.01	0.86	0	0.11	0	0
Maximum	10.2	15.4	9.0	17.8	7	24.5	0.002	0.10	1.10	0	0.44	0	10
Average	9.8	10.8	4.2	10.6	6	23.5	0.001	0.05	0.98	0	0.27	0	4

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

275 Atwood 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	10.3	15.9	9.7	16.6	5	23.7	0.002	0.02	1.00	0	0.17	0	10
Aug	10.3	15.2	10.0	18.7	4	23.9	0.003	0.01	0.98	0	0.15	0	4
Sep	10.1	15.6	9.2	18.5	6	24.6	0.005	0.02	1.01	0	0.16	0	4
Oct	10.1	14.8	6.9	14.9	6	24.4	0.002	0.04	0.96	0	0.21	0	13
Nov	9.8	11.9	3.8	10.2	5	24.6	0.001	0.02	0.97	0	0.29	0	11
Dec	10.0	7.6	4.6	10.5	5	23.2	0.001	0.06	1.00	0	0.12	0	4
Jan	9.8	4.9	2.8	8.7	6	23.6	0.001	0.05	1.07	0	0.20	0	4
Feb	9.7	4.3	2.7	8.4	5	23.3	0.002	0.05	1.06	0	0.25	0	3
Mar	9.7	5.0	3.1	8.9	5	23.3	0.001	0.03	0.98	0	0.12	0	2
Apr	9.8	8.9	2.8	8.8	6	22.6	0.001	0.05	1.01	0	0.20	0	8
May	9.9	11.4	4.4	9.3	6	22.8	0.001	0.07	0.94	0	0.04	0	9
Jun	9.7	14.4	3.5	9.7	5	23.1	0.001	0.04	0.94	0	0.13	0	10
Minimum	9.7	4.3	2.7	8.4	4	22.6	0.001	0.01	0.94	0	0.04	0	2
Maximum	10.3	15.9	10.0	18.7	6	24.6	0.005	0.07	1.07	0	0.29	0	13
Average	9.9	10.8	5.3	11.9	5	23.6	0.002	0.04	0.99	0	0.17	0	7

847 Broad 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	10.0	15.3	8.9	14.9	4	23.3	0.001	0.01	0.95	0	0.38	0	1
Aug	10.2	15.4	8.3	17.0	5	24.0	0.002	0.02	0.95	0	0.21	0	6
Sep	10.0	15.5	7.8	16.6	5	24.1	0.002	0.01	0.98	0	0.20	0	6
Oct	10.0	15.3	6.4	13.5	5	24.5	0.002	0.02	1.07	0	0.38	0	5
Nov	9.7	12.0	3.0	9.0	5	24.2	0.001	0.04	1.04	0	0.52	0	2
Dec	9.6	6.2	2.2	7.9	6	24.4	0.001	0.04	1.04	0	0.44	0	2
Jan	9.6	5.2	1.9	7.3	6	23.2	0.001	0.05	1.09	0	0.36	0	2
Feb	9.5	4.9	2.1	8.2	5	22.8	0.001	0.06	0.99	0	0.33	0	3
Mar	9.6	4.3	1.8	7.5	6	22.7	0.001	0.08	0.99	0	0.26	0	3
Apr	9.6	8.7	2.3	8.0	5	22.9	0.001	0.05	1.00	0	0.18	0	3
May	9.5	12.6	1.7	7.9	6	22.5	0.001	0.08	0.93	0	0.09	0	5
Jun	9.5	15.3	2.3	6.8	6	22.9	0.001	0.06	0.91	0	0.19	0	8
Minimum	9.5	4.3	1.7	6.8	4	22.5	0.001	0.01	0.91	0	0.09	0	1
Maximum	10.2	15.5	8.9	17.0	6	24.5	0.002	0.08	1.09	0	0.52	0	8
Average	9.7	10.9	4.1	10.4	5	23.5	0.001	0.04	1.00	0	0.30	0	4

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.3	17.5	9.8	16.7	4	23.6	0.001	0.01	0.96	0	0.17	0	4
Aug	10.2	14.8	8.9	17.4	5	24.2	0.002	0.02	0.98	0	0.18	0	6
Sep	10.1	15.6	8.2	16.8	5	24.4	0.002	0.01	0.95	0	0.22	0	2
Oct	10.0	15.1	6.4	13.5	5	24.7	0.001	0.01	0.99	0	0.24	0	3
Nov	9.8	13.2	4.0	10.0	5	24.5	0.001	0.03	1.05	0	0.33	0	5
Dec	9.6	5.5	2.6	8.3	6	23.7	0.001	0.04	1.11	0	0.24	0	3
Jan	9.7	4.2	2.0	7.9	5	23.2	0.002	0.07	1.22	0	0.25	0	2
Feb	9.6	4.3	2.2	8.1	4	22.1	0.001	0.05	0.96	0	0.19	0	4
Mar	9.7	4.6	2.3	7.9	6	22.5	0.001	0.06	0.98	0	0.19	0	3
Apr	9.6	9.5	1.6	8.0	7	22.5	0.001	0.13	0.95	0	0.14	0	5
May	9.5	12.3	2.3	7.9	5	23.4	0.002	0.06	0.93	0	0.12	0	7
Jun	9.6	14.2	2.5	8.8	8	22.9	0.001	0.04	0.94	0	0.17	0	5
Minimum	9.5	4.2	1.6	7.9	4	22.1	0.001	0.01	0.93	0	0.12	0	2
Maximum	10.3	17.5	9.8	17.4	8	24.7	0.002	0.13	1.22	0	0.33	0	7
Average	9.8	10.9	4.4	10.9	5	23.5	0.001	0.04	1.00	0	0.20	0	4

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	10.2	18.8	10.5	17.0	4	23.2	0.001	0.02	1.01	0	0.29	0	6
Aug	10.3	15.0	10.2	18.7	5	24.1	0.001	0.01	1.00	0	0.32	0	5
Sep	10.2	15.4	8.7	18.3	5	24.1	0.001	0.01	0.99	0	0.36	0	6
Oct	10.0	15.6	6.2	14.1	5	24.9	0.001	0.02	1.11	0	0.34	0	8
Nov	9.6	11.8	3.1	9.2	5	24.1	0.001	0.01	1.02	0	0.54	0	5
Dec	9.6	6.5	2.5	8.0	5	23.8	0.001	0.01	1.04	0	0.53	0	4
Jan	9.5	4.9	1.9	7.8	5	23.0	0.001	0.03	1.15	0	0.49	0	3
Feb	9.8	4.3	2.4	8.3	4	22.5	0.001	0.04	0.96	0	0.31	0	4
Mar	9.6	4.6	2.0	7.5	5	22.3	0.001	0.04	1.00	0	0.35	0	2
Apr	9.6	9.1	2.2	8.0	5	23.4	0.001	0.03	0.96	0	0.35	0	5
May	9.6	11.3	2.3	8.0	5	23.1	0.001	0.03	0.97	0	0.33	0	5
Jun	9.6	14.0	2.7	8.5	6	22.7	0.001	0.02	0.93	0	0.45	0	6
Minimum	9.5	4.3	1.9	7.5	4	22.3	0.001	0.01	0.93	0	0.29	0	2
Maximum	10.3	18.8	10.5	18.7	6	24.9	0.001	0.04	1.15	0	0.54	0	8
Average	9.8	10.9	4.6	11.1	5	23.4	0.001	0.02	1.01	0	0.39	0	5

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.4	15.5	10.5	17.6	7	23.7	0.002	0.11	0.96	0	0.04	0	13
Aug	10.3	14.7	8.8	17.3	7	23.6	0.003	0.12	0.96	0	0.11	0	9
Sep	10.2	15.6	9.6	18.6	6	23.4	0.004	0.07	1.02	0	0.04	0	8
Oct	10.0	14.6	6.1	12.9	7	24.4	0.002	0.11	0.96	0	0.16	0	10
Nov	9.8	11.9	3.7	9.1	6	24.4	0.001	0.09	0.98	0	0.18	0	8
Dec	9.8	6.8	2.9	8.8	8	23.4	0.002	0.09	1.04	0	0.18	0	5
Jan	9.6	5.0	2.4	7.9	8	23.8	0.001	0.11	1.05	0	0.14	0	6
Feb	9.9	3.0	2.8	9.0	12	23.4	0.002	0.25	1.00	0	0.01	0	0
Mar	9.6	4.9	2.0	8.0	8	23.0	0.001	0.17	0.95	0	0.05	0	6
Apr	9.7	9.1	2.1	8.3	10	22.4	0.001	0.30	0.99	0	0.04	0	13
May	9.7	11.3	2.2	8.0	7	22.3	0.001	0.15	0.94	0	0.04	0	33
Jun	9.6	14.3	2.8	8.9	7	23.2	0.001	0.10	0.95	0	0.02	0	11
Minimum	9.6	3.0	2.0	7.9	6	22.3	0.001	0.07	0.94	0	0.01	0	0
Maximum	10.4	15.6	10.5	18.6	12	24.4	0.004	0.30	1.05	0	0.18	0	33
Average	9.9	10.6	4.7	11.2	8	23.4	0.002	0.14	0.98	0	0.08	0	10

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	10.3	17.6	9.7	16.1	4	23.5	0.002	0.01	0.99	0	0.15	0	9
Aug	10.2	15.9	8.7	16.9	5	24.1	0.002	0.04	0.96	0	0.08	0	5
Sep	10.2	15.4	9.2	17.8	5	24.4	0.002	0.02	0.95	0	0.10	0	4
Oct	10.0	15.4	7.8	16.5	5	24.8	0.003	0.03	1.07	0	0.04	0	5
Nov	9.8	11.7	3.5	9.3	5	24.5	0.001	0.03	1.02	0	0.23	0	5
Dec	9.9	5.6	3.3	9.0	5	23.7	0.001	0.08	1.01	0	0.17	0	3
Jan	9.6	4.9	2.0	7.7	6	23.5	0.001	0.06	1.09	0	0.17	0	2
Feb	9.7	4.7	2.1	8.3	5	22.8	0.001	0.06	0.98	0	0.16	0	4
Mar	9.7	4.4	2.1	7.8	5	22.9	0.001	0.06	0.97	0	0.11	0	4
Apr	9.7	8.9	2.8	8.2	5	23.0	0.001	0.05	0.97	0	0.16	0	4
May	9.6	12.0	2.4	8.5	6	22.9	0.003	0.07	0.93	0	0.08	0	20
Jun	9.6	14.4	2.7	8.6	5	23.0	0.001	0.04	0.90	0	0.20	0	8
Minimum	9.6	4.4	2.0	7.7	4	22.8	0.001	0.01	0.90	0	0.04	0	2
Maximum	10.3	17.6	9.7	17.8	6	24.8	0.003	0.08	1.09	0	0.23	0	20
Average	9.9	10.9	4.7	11.2	5	23.6	0.002	0.05	0.99	0	0.14	0	6

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.2	18.7	9.4	16.3	5	23.5	0.002	0.02	0.96	0	0.15	0	6
Aug	10.2	16.8	9.2	17.6	5	23.8	0.002	0.01	0.99	0	0.18	0	7
Sep	10.1	15.8	8.3	18.1	5	24.1	0.002	0.01	1.03	0	0.20	0	9
Oct	10.0	15.5	6.4	14.0	5	25.2	0.001	0.02	1.10	0	0.24	0	11
Nov	9.7	12.0	3.9	9.4	5	24.3	0.001	0.04	1.03	0	0.33	0	2
Dec	9.6	6.4	2.6	8.4	6	24.0	0.001	0.06	1.04	0	0.38	0	4
Jan	9.4	4.6	1.9	7.6	10	22.2	0.001	0.11	1.11	0	0.31	0	2
Feb	9.7	4.4	2.2	8.2	5	22.8	0.001	0.09	0.99	0	0.24	0	2
Mar	9.6	4.5	1.9	7.7	5	22.6	0.001	0.06	1.02	0	0.28	0	2
Apr	9.6	8.8	1.9	8.0	5	22.4	0.001	0.06	0.94	0	0.30	0	3
May	9.5	12.1	2.1	7.8	5	23.4	0.001	0.04	0.92	0	0.18	0	7
Jun	9.6	15.0	2.8	8.7	5	22.9	0.001	0.04	0.95	0	0.25	0	4
Minimum	9.4	4.4	1.9	7.6	5	22.2	0.001	0.01	0.92	0	0.15	0	2
Maximum	10.2	18.7	9.4	18.1	10	25.2	0.002	0.11	1.11	0	0.38	0	11
Average	9.8	11.2	4.4	11.0	6	23.4	0.001	0.05	1.01	0	0.25	0	5

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	10.3	16.2	8.8	16.1	5	23.6	0.001	0.03	0.98	0	0.27	0	7
Aug	10.4	15.1	11.0	19.5	5	24.5	0.002	0.03	0.94	0	0.09	0	5
Sep	12.6	15.2	8.0	17.0	5	24.3	0.001	0.01	1.00	0	0.29	0	6
Oct	9.9	15.4	5.4	14.8	6	24.7	0.002	0.06	1.13	0	0.33	0	11
Nov	9.6	11.6	3.0	9.3	6	24.8	0.001	0.03	1.05	0	0.64	0	10
Dec	9.8	9.6	3.5	9.1	6	24.2	0.001	0.05	0.99	0	0.36	0	4
Jan	9.6	5.1	1.9	8.0	8	24.0	0.001	0.03	1.10	0	0.25	0	3
Feb	9.5	4.9	2.4	8.2	6	23.3	0.001	0.10	0.97	0	0.23	0	2
Mar	9.5	6.0	2.3	7.8	5	22.7	0.001	0.05	1.01	0	0.26	0	3
Apr	9.6	10.6	1.6	7.6	5	21.8	0.001	0.09	1.04	0	0.11	0	4
May	9.7	11.3	1.8	7.1	6	22.8	0.001	0.08	0.96	0	0.16	0	37
Jun	9.5	14.7	2.4	8.4	6	23.0	0.001	0.04	0.90	0	0.39	0	6
Minimum	9.5	4.9	1.6	7.1	5	21.8	0.001	0.01	0.90	0	0.09	0	2
Maximum	12.6	16.2	11.0	19.5	8	24.8	0.002	0.10	1.13	0	0.64	0	37
Average	10.0	11.3	4.3	11.1	6	23.6	0.001	0.05	1.01	0	0.28	0	8

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.3	16.7	9.6	16.3	5	23.9	0.002	0.02	0.97	0	0.18	0	7
Aug	10.3	15.3	9.4	17.6	5	24.1	0.002	0.01	0.94	0	0.20	0	6
Sep	10.2	15.4	8.6	17.7	5	24.3	0.002	0.01	0.99	0	0.14	0	5
Oct	10.0	15.0	6.7	14.4	5	24.5	0.002	0.02	1.04	0	0.18	0	8
Nov	9.8	12.1	3.7	9.6	5	24.4	0.001	0.02	1.01	0	0.33	0	5
Dec	9.8	6.5	3.0	8.7	5	24.1	0.001	0.03	1.05	0	0.20	0	4
Jan	9.6	4.9	2.1	7.8	5	23.2	0.001	0.03	1.09	0	0.33	0	3
Feb	9.7	4.5	2.4	8.1	5	23.1	0.001	0.04	1.00	0	0.20	0	4
Mar	9.7	4.8	2.3	7.7	5	23.0	0.001	0.05	0.98	0	0.18	0	5
Apr	9.7	9.1	2.4	8.0	5	22.5	0.001	0.03	0.98	0	0.15	0	9
May	9.6	12.0	2.1	7.9	5	22.6	0.001	0.03	0.96	0	0.13	0	28
Jun	9.6	14.6	2.6	8.5	6	23.0	0.001	0.03	0.90	0	0.15	0	13
Minimum	9.6	4.5	2.1	7.7	5	22.5	0.001	0.01	0.90	0	0.13	0	3
Maximum	10.3	16.7	9.6	17.7	6	24.5	0.002	0.05	1.09	0	0.33	0	28
Average	9.9	10.9	4.6	11.0	5	23.6	0.001	0.03	0.99	0	0.20	0	8

Budlong Rd. @ E. Providence 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													
Aug													
Sep													
Oct													
Nov													
Dec													
Jan	9.4	4.8	1.8	7.7	5	23.0	0.001	0.01	1.11	0	0.41	0	6
Feb	9.7	4.4	2.4	8.1	6	24.8	0.001	0.03	0.98	0	0.36	0	5
Mar													
Apr													
May													
Jun													
Minimum	9.4	4.4	1.8	7.7	5	23.0	0.001	0.01	0.98	0	0.36	0	5
Maximum	9.7	4.8	2.4	8.1	6	24.8	0.001	0.03	1.11	0	0.41	0	6
Average	9.6	4.6	2.1	7.9	6	23.9	0.001	0.02	1.05	0	0.39	0	6

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.3	17.7	10.2	17.1	5	23.7	0.001	0.02	0.94	0	0.58	0	6
Aug	10.3	15.6	9.1	17.2	5	23.8	0.001	0.01	0.95	0	0.62	0	5
Sep	10.1	15.4	8.5	17.3	5	24.2	0.001	0.01	1.01	0	0.55	0	5
Oct	10.0	15.1	6.4	13.8	5	24.5	0.001	0.02	1.04	0	0.59	0	6
Nov	9.8	12.3	3.5	8.9	5	24.3	0.001	0.01	1.02	0	0.74	0	4
Dec	9.8	6.5	2.7	8.1	5	23.6	0.001	0.02	1.05	0	0.78	0	3
Jan	9.6	4.8	2.1	7.7	5	23.2	0.001	0.03	1.11	0	0.67	0	4
Feb	9.8	4.7	2.4	8.0	5	22.9	0.001	0.03	0.98	0	0.50	0	3
Mar	9.7	4.8	2.3	7.6	5	22.5	0.001	0.03	0.95	0	0.52	0	3
Apr	9.7	9.1	2.3	7.7	5	22.4	0.001	0.02	0.99	0	0.45	0	3
May	9.6	12.0	2.1	7.7	5	22.8	0.001	0.02	0.94	0	0.48	0	6
Jun	9.2	14.5	2.7	8.5	5	22.9	0.001	0.02	0.91	0	0.67	0	6
Minimum	9.2	4.7	2.1	7.6	5	22.4	0.001	0.01	0.91	0	0.45	0	3
Maximum	10.3	17.7	10.2	17.3	5	24.5	0.001	0.03	1.11	0	0.78	0	6
Average	9.8	11.0	4.5	10.8	5	23.4	0.001	0.02	0.99	0	0.60	0	5

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	10.3	17.5	10.2	17.3	5	23.7	0.002	0.04	0.95	0	0.34	0	4
Aug	10.2	14.9	8.7	16.6	4	24.1	0.001	0.02	0.96	0	0.39	0	4
Sep	10.2	15.6	8.8	17.3	5	24.3	0.001	0.01	0.96	0	0.37	0	4
Oct	10.0	15.0	6.9	14.2	5	24.4	0.002	0.02	0.99	0	0.47	0	3
Nov	9.8	13.2	3.9	9.7	7	24.1	0.001	0.04	1.05	0	0.48	0	10
Dec	9.8	7.9	3.1	9.0	5	24.2	0.001	0.02	1.10	0	0.52	0	3
Jan	9.7	4.9	2.5	8.0	5	23.9	0.001	0.04	1.09	0	0.45	0	5
Feb	9.6	4.4	2.2	8.2	5	22.9	0.001	0.07	0.99	0	0.32	0	3
Mar	9.7	4.9	2.2	7.9	5	23.3	0.001	0.05	0.96	0	0.33	0	4
Apr	9.7	9.0	2.4	8.0	5	22.2	0.001	0.03	0.97	0	0.37	0	5
May	9.6	11.9	2.3	7.9	5	22.9	0.001	0.05	0.92	0	0.32	0	10
Jun	9.6	14.8	2.7	8.8	5	22.9	0.001	0.04	0.91	0	0.41	0	8
Minimum	9.6	4.4	2.2	7.9	4	22.2	0.001	0.01	0.91	0	0.32	0	3
Maximum	10.3	17.5	10.2	17.3	7	24.4	0.002	0.07	1.10	0	0.52	0	10
Average	9.9	11.2	4.7	11.1	5	23.6	0.001	0.04	0.99	0	0.40	0	5

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.3	17.5	10.3	17.2	4	23.9	0.001	0.01	0.96	0	0.44	0	3
Aug	10.2	14.9	8.4	16.4	5	24.0	0.001	0.01	0.97	0	0.51	0	3
Sep	10.2	15.6	8.6	17.0	5	24.1	0.002	0.01	0.98	0	0.29	0	2
Oct	10.0	15.0	6.6	13.7	5	24.6	0.002	0.01	1.01	0	0.24	0	5
Nov	9.8	13.2	3.6	9.0	5	24.1	0.001	0.01	1.03	0	0.41	0	4
Dec	9.8	6.5	2.8	8.7	5	23.5	0.001	0.01	1.10	0	0.43	0	3
Jan	9.6	4.4	2.2	7.7	5	23.7	0.001	0.05	1.06	0	0.34	0	4
Feb	9.8	4.0	2.6	8.2	5	22.5	0.001	0.03	0.98	0	0.14	0	3
Mar	9.8	4.9	2.4	7.9	5	23.1	0.001	0.02	0.96	0	0.13	0	3
Apr	9.8	9.0	2.8	8.1	5	22.8	0.001	0.02	0.97	0	0.04	0	11
May	9.7	11.9	2.4	7.9	5	22.9	0.001	0.02	0.92	0	0.15	0	13
Jun	9.6	14.8	2.6	8.5	5	22.8	0.001	0.01	0.89	0	0.33	0	6
Minimum	9.6	4.0	2.2	7.7	4	22.5	0.001	0.01	0.89	0	0.04	0	2
Maximum	10.3	17.5	10.3	17.2	5	24.6	0.002	0.05	1.10	0	0.51	0	13
Average	9.9	11.0	4.6	10.9	5	23.5	0.001	0.02	0.99	0	0.29	0	5

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	10.3	15.7	10.5	16.7	5	23.8	0.001	0.01	0.99	0	0.21	0	7
Aug	10.3	15.1	9.5	18.5	5	24.1	0.002	0.03	0.99	0	0.20	0	5
Sep	10.1	15.5	8.5	18.0	5	23.9	0.002	0.03	1.00	0	0.23	0	7
Oct	9.9	14.7	5.9	13.5	6	24.7	0.002	0.06	0.98	0	0.29	0	7
Nov	9.8	11.9	3.8	9.5	6	24.4	0.001	0.04	1.04	0	0.56	0	4
Dec	9.4	7.2	2.3	9.0	6	22.8	0.001	0.06	1.03	0	0.47	0	4
Jan	9.3	4.7	1.8	7.7	5	22.8	0.001	0.08	1.04	0	0.40	0	3
Feb	9.4	4.7	2.6	8.0	5	23.3	0.001	0.09	1.03	0	0.29	0	3
Mar	9.5	4.7	1.9	7.5	5	22.8	0.001	0.14	0.96	0	0.27	0	2
Apr	9.6	8.9	2.4	7.9	5	22.4	0.001	0.07	0.99	0	0.31	0	4
May	9.6	11.4	2.0	7.8	6	23.0	0.001	0.11	0.95	0	0.13	0	6
Jun	9.6	14.8	2.6	8.6	5	23.1	0.001	0.09	0.92	0	0.18	0	8
Minimum	9.3	4.7	1.8	7.5	5	22.4	0.001	0.01	0.92	0	0.13	0	2
Maximum	10.3	15.7	10.5	18.5	6	24.7	0.002	0.14	1.04	0	0.56	0	8
Average	9.7	10.8	4.5	11.1	5	23.4	0.001	0.07	0.99	0	0.30	0	5

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.3	17.5	10.2	16.9	4	23.2	0.001	0.01	0.94	0	0.36	0	3
Aug	10.2	14.9	8.4	16.4	5	24.1	0.001	0.01	0.96	0	0.44	0	4
Sep	10.2	15.6	8.6	17.2	5	24.2	0.001	0.01	0.96	0	0.44	0	3
Oct	10.0	15.0	7.3	14.0	4	24.5	0.002	0.01	1.03	0	0.53	0	3
Nov	9.8	13.2	3.5	9.0	5	24.1	0.001	0.01	1.04	0	0.69	1	5
Dec	9.7	6.5	2.6	8.2	5	23.8	0.001	0.02	1.14	0	0.63	0	2
Jan	9.7	4.4	2.4	8.2	5	23.7	0.001	0.05	1.06	0	0.54	0	5
Feb	9.7	4.0	2.4	7.9	5	23.0	0.001	0.05	0.98	0	0.36	0	4
Mar	9.8	4.9	2.2	7.7	5	23.1	0.004	0.02	0.99	0	0.39	0	3
Apr	9.7	9.0	2.5	7.9	5	22.9	0.001	0.02	1.00	0	0.46	0	4
May	9.6	11.9	2.2	7.7	6	23.0	0.001	0.03	0.91	0	0.39	0	6
Jun	9.6	14.8	2.8	8.7	5	23.0	0.001	0.02	0.91	0	0.46	0	6
Minimum	9.6	4.0	2.2	7.7	4	22.9	0.001	0.01	0.91	0	0.36	0	2
Maximum	10.3	17.5	10.2	17.2	6	24.5	0.004	0.05	1.14	0	0.69	1	6
Average	9.9	11.0	4.6	10.8	5	23.6	0.001	0.02	0.99	0	0.47	0	4

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	10.3	17.5	9.7	16.6	5	23.6	0.002	0.01	0.97	0	0.19	0	3
Aug	10.2	14.9	8.7	16.4	4	24.3	0.001	0.02	0.98	0	0.27	0	5
Sep	10.2	15.6	8.8	17.5	5	24.5	0.002	0.01	0.96	0	0.20	0	3
Oct	10.0	14.9	6.9	14.3	5	24.6	0.002	0.01	1.03	0	0.27	0	4
Nov	9.8	13.2	3.9	9.6	5	24.4	0.001	0.03	1.03	0	0.38	0	7
Dec	9.8	6.5	3.2	8.9	5	23.7	0.001	0.04	1.10	0	0.26	0	4
Jan	9.6	4.9	2.3	8.2	5	23.2	0.001	0.05	1.11	0	0.19	0	2
Feb	9.8	4.4	2.5	8.6	4	22.8	0.001	0.07	0.99	0	0.12	0	3
Mar	9.8	4.6	2.4	8.1	6	22.1	0.001	0.12	0.99	0	0.14	0	3
Apr	9.7	9.0	2.1	8.4	5	22.7	0.001	0.04	0.95	0	0.20	0	5
May	9.6	27.1	2.5	8.1	6	23.5	0.001	0.06	0.94	0	0.10	0	15
Jun	9.6	14.5	2.8	8.8	6	22.8	0.001	0.03	0.92	0	0.12	0	4
Minimum	9.6	4.4	2.1	8.1	4	22.1	0.001	0.01	0.92	0	0.10	0	2
Maximum	10.3	27.1	9.7	17.5	6	24.6	0.002	0.12	1.11	0	0.38	0	15
Average	9.9	12.3	4.7	11.1	5	23.5	0.001	0.04	1.00	0	0.20	0	5

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.3	17.4	9.6	16.2	5	24.0	0.002	0.02	0.95	0	0.13	0	6
Aug	10.2	15.4	8.6	16.6	4	23.9	0.002	0.01	0.94	0	0.11	0	5
Sep	10.2	15.4	9.0	18.1	5	24.2	0.003	0.01	0.97	0	0.08	0	6
Oct	10.0	15.1	6.3	14.6	5	24.9	0.002	0.01	1.03	0	0.17	0	6
Nov	9.7	12.1	3.8	10.1	5	24.3	0.001	0.01	1.01	0	0.16	0	5
Dec	9.7	6.3	2.6	8.5	5	23.8	0.001	0.02	1.07	0	0.29	0	3
Jan	9.5	4.8	1.6	7.3	5	23.5	0.001	0.04	1.10	0	0.18	0	4
Feb	9.7	4.4	2.3	8.0	5	23.2	0.001	0.03	1.00	0	0.09	0	3
Mar	9.6	4.8	2.0	7.6	5	22.8	0.001	0.03	0.98	0	0.15	0	3
Apr	9.7	8.9	2.2	7.8	5	22.6	0.001	0.02	0.98	0	0.14	0	12
May	9.6	12.0	2.1	7.8	5	22.9	0.002	0.03	0.94	0	0.13	0	22
Jun	9.6	14.6	2.5	8.4	5	23.2	0.001	0.02	0.90	0	0.26	0	17
Minimum	9.5	4.4	1.6	7.3	4	22.6	0.001	0.01	0.90	0	0.08	0	3
Maximum	10.3	17.4	9.6	18.1	5	24.9	0.003	0.04	1.10	0	0.29	0	22
Average	9.8	10.9	4.4	10.9	5	23.6	0.002	0.02	0.99	0	0.16	0	8

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	10.3	17.5	9.7	16.6	5	23.6	0.002	0.01	0.97	0	0.19	0	3
Aug	10.2	14.9	8.7	16.4	4	24.3	0.001	0.02	0.98	0	0.27	0	5
Sep	10.2	15.6	8.8	17.5	5	24.5	0.002	0.01	0.96	0	0.20	0	3
Oct	10.0	14.9	6.9	14.3	5	24.6	0.002	0.01	1.03	0	0.27	0	4
Nov	9.8	13.2	3.9	9.6	5	24.4	0.001	0.03	1.03	0	0.38	0	7
Dec	9.8	6.5	3.2	8.9	5	23.7	0.001	0.04	1.10	0	0.26	0	4
Jan	9.6	4.9	2.3	8.2	5	23.2	0.001	0.05	1.11	0	0.19	0	2
Feb	9.8	4.4	2.5	8.6	4	22.8	0.001	0.07	0.99	0	0.12	0	3
Mar	9.8	4.6	2.4	8.1	6	22.1	0.001	0.12	0.99	0	0.14	0	3
Apr	9.7	9.0	2.1	8.4	5	22.7	0.001	0.04	0.95	0	0.20	0	5
May	9.6	27.1	2.5	8.1	6	23.5	0.001	0.06	0.94	0	0.10	0	15
Jun	9.6	14.5	2.8	8.8	6	22.8	0.001	0.03	0.92	0	0.12	0	4
Minimum	9.6	4.4	2.1	8.1	4	22.1	0.001	0.01	0.92	0	0.10	0	2
Maximum	10.3	27.1	9.7	17.5	6	24.6	0.002	0.12	1.11	0	0.38	0	15
Average	9.9	12.3	4.7	11.1	5	23.5	0.001	0.04	1.00	0	0.20	0	5

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.3	15.7	9.7	16.3	5	24.8	0.002	0.01	0.98	0	0.29	0	9
Aug	10.3	15.1	9.8	18.3	5	24.0	0.002	0.01	0.97	0	0.25	0	7
Sep	10.1	15.6	8.6	18.0	5	25.2	0.003	0.02	1.02	0	0.22	0	4
Oct	10.0	14.7	6.6	14.4	5	24.6	0.002	0.02	0.99	0	0.13	0	6
Nov	9.9	11.8	3.8	9.7	5	24.4	0.001	0.03	0.99	0	0.35	0	6
Dec													
Jan	9.7	5.0	2.5	8.1	6	23.5	0.002	0.04	1.10	0	0.15	0	4
Feb	9.7	5.5	3.2	8.5	5	23.5	0.001	0.05	1.15	0	0.14	0	7
Mar	9.7	5.0	2.6	8.1	5	23.1	0.001	0.06	0.98	0	0.18	0	15
Apr	9.8	8.9	2.3	8.1	4	22.0	0.001	0.04	1.00	0	0.19	0	7
May	9.7	11.4	2.7	8.2	5	22.8	0.001	0.04	0.95	0	0.19	0	9
Jun	9.6	14.6	2.6	8.8	6	22.9	0.001	0.04	0.93	0	0.21	0	6
Minimum	9.6	5.0	2.3	8.1	4	22.0	0.001	0.01	0.93	0	0.13	0	4
Maximum	10.3	15.7	9.8	18.3	6	25.2	0.003	0.06	1.15	0	0.35	0	15
Average	9.9	11.2	4.9	11.5	5	23.7	0.002	0.03	1.01	0	0.21	0	7

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	10.2	18.1	8.9	15.9	5	23.5	0.002	0.01	0.96	0	0.02	0	6
Aug	10.3	15.7	9.0	17.1	5	24.0	0.002	0.01	0.97	0	0.01	0	6
Sep	10.2	15.6	9.1	17.8	5	24.5	0.002	0.01	1.00	0	0.07	0	5
Oct	10.0	15.4	7.2	16.0	5	24.7	0.002	0.01	1.06	0	0.10	0	10
Nov	9.8	12.6	4.1	10.4	5	24.5	0.002	0.01	1.06	0	0.08	0	6
Dec	9.8	6.4	2.9	8.7	5	24.0	0.001	0.03	1.09	0	0.07	0	3
Jan	9.6	4.6	2.0	7.8	5	23.1	0.001	0.03	1.08	0	0.05	0	4
Feb	9.7	4.2	2.3	8.2	5	22.8	0.001	0.03	0.99	0	0.03	0	3
Mar	9.7	4.7	2.2	7.8	5	22.5	0.001	0.03	0.98	0	0.08	0	4
Apr	9.6	9.1	1.9	8.1	5	22.7	0.001	0.02	0.97	0	0.03	0	4
May	9.6	12.0	2.2	7.8	5	23.2	0.001	0.02	0.94	0	0.02	0	8
Jun	9.6	14.6	2.6	7.8	5	22.7	0.001	0.02	0.92	0	0.02	0	5
Minimum	9.6	4.2	1.9	7.8	5	22.5	0.001	0.01	0.92	0	0.01	0	3
Maximum	10.3	18.1	9.1	17.8	5	24.7	0.002	0.03	1.09	0	0.10	0	10
Average	9.8	11.1	4.5	11.1	5	23.5	0.001	0.02	1.00	0	0.05	0	5

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.3	15.8	8.7	15.3	5	23.3	0.002	0.01	0.97	0	0.07	0	6
Aug	10.2	16.0	8.5	16.7	4	23.8	0.002	0.02	0.94	0	0.07	0	6
Sep	10.2	15.3	8.5	17.5	6	24.4	0.003	0.03	0.97	0	0.17	0	6
Oct	10.0	15.2	6.5	15.4	5	24.7	0.002	0.02	1.05	0	0.12	0	5
Nov	9.8	12.5	3.9	11.2	5	24.7	0.002	0.02	0.98	0	0.04	0	5
Dec	9.6	7.0	2.5	8.8	6	23.7	0.001	0.02	1.04	0	0.25	0	3
Jan	9.6	4.6	2.0	7.9	4	23.6	0.001	0.03	1.08	0	0.04	0	5
Feb	9.8	4.2	2.8	8.7	6	23.2	0.001	0.04	0.95	0	0.21	0	2
Mar	9.6	5.0	2.2	7.7	5	22.8	0.001	0.04	0.99	0	0.15	0	4
Apr	9.6	9.9	2.2	8.1	5	22.5	0.001	0.01	1.01	0	0.17	0	14
May	9.6	12.3	2.1	7.8	5	22.6	0.001	0.02	0.93	0	0.03	0	29
Jun	9.5	14.6	2.4	8.4	5	23.1	0.001	0.02	0.91	0	0.03	0	9
Minimum	9.5	4.2	2.0	7.7	4	22.5	0.001	0.01	0.91	0	0.03	0	2
Maximum	10.3	16.0	8.7	17.5	6	24.7	0.003	0.04	1.08	0	0.25	0	29
Average	9.8	11.0	4.4	11.1	5	23.5	0.002	0.02	0.99	0	0.11	0	8

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	10.2	18.4	8.9	15.7	5	23.7	0.002	0.08	0.97	0	0.12	0	8
Aug	10.2	16.8	8.6	16.9	5	24.2	0.002	0.04	0.95	0	0.15	0	6
Sep	10.2	15.4	9.5	18.1	5	24.0	0.002	0.06	1.03	0	0.12	0	7
Oct	10.1	14.4	5.5	10.9	6	24.5	0.001	0.04	1.07	0	0.35	0	10
Nov	9.8	12.6	3.3	9.1	5	23.9	0.001	0.07	1.03	0	0.36	0	4
Dec	9.8	6.6	2.9	8.9	6	24.4	0.001	0.06	1.03	0	0.43	0	5
Jan	9.6	5.2	2.3	8.4	9	23.6	0.001	0.25	1.06	0	0.29	0	3
Feb	9.7	4.5	2.4	8.4	4	23.2	0.001	0.07	0.96	0	0.16	0	3
Mar	9.6	4.7	2.1	8.0	7	23.2	0.001	0.16	0.98	0	0.17	0	3
Apr	9.6	9.1	1.7	8.5	6	22.6	0.001	0.10	0.91	0	0.13	0	5
May	9.6	11.3	2.0	8.0	5	23.6	0.001	0.03	0.89	0	0.13	0	10
Jun	9.6	13.7	2.7	8.6	7	23.8	0.001	0.09	0.94	0	0.12	0	7
Minimum	9.6	4.5	1.7	8.0	4	22.6	0.001	0.03	0.89	0	0.12	0	3
Maximum	10.2	18.4	9.5	18.1	9	24.5	0.002	0.25	1.07	0	0.43	0	10
Average	9.8	11.1	4.3	10.8	6	23.7	0.001	0.09	0.99	0	0.21	0	6

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.2	18.2	8.6	15.2	4	23.6	0.002	0.02	0.94	0	0.06	0	7
Aug	10.2	16.4	8.4	16.9	5	24.2	0.002	0.01	0.94	0	0.09	0	4
Sep	10.2	15.5	8.6	17.6	5	24.4	0.002	0.02	0.98	0	0.08	0	4
Oct	10.0	14.9	6.8	15.8	5	25.1	0.003	0.01	1.05	0	0.11	0	6
Nov	9.8	12.6	3.9	10.9	5	24.2	0.002	0.02	1.05	0	0.21	0	7
Dec	9.6	6.4	2.6	9.1	5	23.8	0.001	0.02	1.03	0	0.12	0	3
Jan	9.4	4.7	1.7	7.6	5	23.8	0.001	0.02	1.06	0	0.11	0	4
Feb	9.6	4.2	2.2	8.3	5	22.4	0.001	0.03	0.98	0	0.08	0	3
Mar	9.6	4.7	2.1	8.1	5	22.4	0.001	0.03	0.96	0	0.16	0	3
Apr	9.6	8.9	2.1	8.0	5	22.9	0.001	0.02	0.95	0	0.16	0	4
May	9.5	12.0	2.2	7.9	5	23.2	0.001	0.04	0.92	0	0.08	0	78
Jun	9.5	14.5	2.7	8.6	5	23.1	0.001	0.02	0.91	0	0.06	0	8
Minimum	9.4	4.2	1.7	7.6	4	22.4	0.001	0.01	0.91	0	0.06	0	3
Maximum	10.2	18.2	8.6	17.6	5	25.1	0.003	0.04	1.06	0	0.21	0	78
Average	9.8	11.1	4.3	11.2	5	23.6	0.002	0.02	0.98	0	0.11	0	11

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	10.3	16.9	9.1	16.2	5	23.6	0.001	0.01	0.93	0	0.21	0	5
Aug	10.2	16.0	8.7	16.5	5	24.1	0.002	0.01	0.90	0	0.19	0	5
Sep	10.2	15.2	8.2	17.4	5	24.3	0.001	0.01	0.99	0	0.31	0	9
Oct	10.0	14.9	6.3	14.4	5	25.4	0.001	0.01	1.07	0	0.35	0	5
Nov	9.8	13.4	3.3	9.5	5	24.4	0.001	0.01	0.94	0	0.51	0	7
Dec	9.9	8.0	3.8	9.2	5	24.3	0.001	0.03	1.05	0	0.38	0	6
Jan	9.8	4.7	2.6	8.4	4	23.1	0.001	0.04	1.13	0	0.29	0	7
Feb	9.9	4.2	2.9	8.6	5	23.4	0.001	0.05	0.99	0	0.12	0	3
Mar	9.7	5.1	2.7	8.0	5	22.9	0.001	0.06	1.03	0	0.19	0	8
Apr	9.7	9.3	2.3	8.3	5	22.7	0.001	0.03	0.99	0	0.28	0	4
May	9.7	12.8	2.3	8.4	5	22.6	0.001	0.03	0.97	0	0.14	0	11
Jun	9.7	14.0	2.7	8.5	6	23.3	0.001	0.03	0.93	0	0.30	0	7
Minimum	9.7	4.2	2.3	8.0	4	22.6	0.001	0.01	0.90	0	0.12	0	3
Maximum	10.3	16.9	9.1	17.4	6	25.4	0.002	0.06	1.13	0	0.51	0	11
Average	9.9	11.2	4.6	11.1	5	23.7	0.001	0.03	0.99	0	0.27	0	6

TABLE 11 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS PARTS OF THE DISTRIBUTION SYSTEM

YEAR ENDING JUNE 30, 2006

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	10.3	15.9	9.0	15.8	6	23.9	0.002	0.02	1.07	0	0.10	0	9
Aug	10.3	14.5	8.8	16.5	5	23.5	0.001	0.01	0.94	0	0.30	0	8
Sep	10.2	15.6	9.0	18.2	5	23.6	0.001	0.01	1.03	0	0.07	0	14
Oct	10.0	15.1	7.0	14.5	5	24.3	0.002	0.01	0.94	0	0.28	0	15
Nov	9.7	12.4	3.3	8.4	5	24.2	0.001	0.02	1.00	0	0.40	0	4
Dec	9.8	6.4	2.6	8.1	5	23.8	0.001	0.02	1.11	0	0.59	0	4
Jan	9.6	5.0	2.0	7.5	7	23.7	0.001	0.05	0.98	0	0.40	0	5
Feb	9.6	3.9	2.4	7.9	5	23.2	0.001	0.04	0.94	0	0.28	0	6
Mar	9.5	6.1	2.2	8.0	6	23.3	0.001	0.03	0.98	0	0.35	0	1
Apr	9.7	8.8	2.2	8.1	5	22.1	0.001	0.06	0.97	0	0.13	0	5
May	9.7	10.4	2.7	8.1	5	23.2	0.001	0.03	0.93	0	0.11	0	12
Jun	9.6	13.2	2.1	8.2	5	23.4	0.000	0.01	0.94	0	0.45	0	7
Minimum	9.5	3.9	2.0	7.5	5	22.1	0.000	0.01	0.93	0	0.07	0	1
Maximum	10.3	15.9	9.0	18.2	7	24.3	0.002	0.06	1.11	0	0.59	0	15
Average	9.8	10.6	4.4	10.8	5	23.5	0.001	0.03	0.99	0	0.29	0	8

TABLE 12

CHARACTERISTICS OF WATER IN VARIOUS STAGES OF THE TREATMENT PROCESS

YEAR ENDING JUNE 30, 2006

RAW WATER (AM)

MONTH	PH (s.u.)	TEMP (°C)	CO2 ACIDITY (mg/l)	ALKALINITY (mg/l)	COLOR (std.unts)	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	13.4	5.7	4.2	20	23.0	0.001	0.07	0.03	0.30	12.2	0.00	0.12	3	52	1	1
AUG	6.0	13.7	6.5	4.5	20	23.1	0.001	0.11	0.09	0.31	11.8	0.00	0.11	5	54	6	1
SEP	6.0	14.4	7.8	5.0	21	23.1	0.001	0.24	0.23	0.82	12.3	0.00	0.13	38	78	31	13
OCT	6.2	15.5	5.5	5.1	22	22.9	0.001	0.24	0.16	0.85	12.2	0.00	0.14	99	182	98	51
NOV	6.3	12.8	3.9	4.3	20	23.1	0.001	0.11	0.02	0.40	11.6	0.00	0.15	113	162	113	56
DEC	6.3	8.0	3.1	4.3	22	22.7	0.001	0.09	0.01	0.36	12.1	0.00	0.14	45	66	31	17
JAN	6.2	5.9	2.9	4.0	21	22.6	0.001	0.08	0.01	0.50	12.1	0.00	0.15	14	36	7	4
FEB	6.3	5.3	3.2	4.0	20	22.8	0.001	0.10	0.01	0.36	12.1	0.00	0.13	5	34	3	2
MAR	6.2	5.4	3.3	3.8	22	22.2	0.001	0.09	0.01	0.35	12.0	0.00	0.13	3	26	1	1
APR	6.2	9.2	3.5	3.9	18	21.9	0.001	0.08	0.01	0.32	11.5	0.00	0.14	5	29	1	1
MAY	6.2	12.0	3.7	3.9	18	21.9	0.001	0.07	0.01	0.31	11.6	0.00	0.14	9	31	2	1
JUN	6.1	13.4	4.9	4.0	20	22.1	0.001	0.08	0.01	0.35	11.8	0.00	0.13	16	39	17	8
AVERAGE	6.2	10.8	4.5	4.2	20	22.6	0.001	0.11	0.05	0.44	11.9	0.00	0.13	29	66	26	13

RAW WATER (PM)

MONTH	PH (s.u.)	TEMP (°C)	CO2 ACIDITY (mg/l)	TOTAL ALKALINITY (mg/l)	COLOR (std.unts)	CHLORIDES (mg/l)	NITRITES (mg/l)				TASTE/ ODOR		COLIFORM BACTERIA (MF/100ml)	35C HPC (ml)		
JUL	6.0	13.5	5.6	4.2	20	23.1	0.001				0.00		3	53		
AUG	6.0	13.7	6.2	4.6	20	23.0	0.001				0.00		4	53		
SEP	6.0	14.6	8.1	5.0	21	23.4	0.001				0.00		38	81		
OCT	6.2	15.7	5.2	5.0	21	23.1	0.001				0.00		99	192		
NOV	6.3	12.9	3.1	4.4	21	23.4	0.001				0.00		113	161		
DEC	6.3	8.1	3.0	4.3	22	22.8	0.001				0.00		45	69		
JAN	6.3	6.2	3.0	4.0	21	22.4	0.001				0.00		11	36		
FEB	6.3	5.8	3.1	4.1	20	22.9	0.001				0.00		4	35		
MAR	6.2	6.0	3.3	3.9	22	22.0	0.001				0.00		2	27		
APR	6.3	9.3	3.4	3.9	19	22.1	0.001				0.00		3	25		
MAY	6.2	12.3	3.6	3.9	19	22.1	0.001				0.00		8	28		
JUN	6.1	13.6	4.9	4.0	20	22.0	0.001				0.00		15	38		
AVERAGE	6.2	11.0	4.4	4.3	21	22.7	0.001				0.00		29	66		

TABLE 12 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS STAGES OF THE TREATMENT PROCESS

YEAR ENDING JUNE 30, 2006

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	10.5	14.7	12.5	18.9	4	23.4	0.001	0.01	0.01	0.08	52	0.00	0.83	0.65	0.12	0	6
AUG	10.4	14.8	11.4	19.5	4	23.7	0.001	0.01	0.01	0.08	51	0.00	0.93	0.72	0.12	0	5
SEP	10.3	15.3	10.2	19.3	5	23.9	0.001	0.01	0.01	0.09	50	0.00	1.01	0.73	0.13	0	5
OCT	10.2	15.2	8.3	15.8	5	24.2	0.001	0.01	0.01	0.09	44	0.00	1.13	0.85	0.14	0	6
NOV	10.1	12.4	5.5	10.9	5	23.8	0.001	0.01	0.01	0.09	41	0.00	1.20	1.01	0.15	0	4
DEC	10.1	7.3	4.6	10.2	5	23.5	0.001	0.01	0.01	0.09	39	0.00	1.18	1.00	0.14	0	3
JAN	10.1	5.7	4.2	9.7	5	23.0	0.001	0.02	0.01	0.08	37	0.00	1.05	0.84	0.15	0	4
FEB	10.2	5.3	4.8	10.2	5	23.0	0.001	0.03	0.01	0.10	37	0.00	0.89	0.70	0.14	0	3
MAR	10.1	5.8	4.5	9.9	5	22.8	0.001	0.02	0.01	0.10	38	0.00	0.89	0.73	0.13	0	3
APR	10.1	9.9	4.4	10.0	5	22.5	0.001	0.02	0.01	0.09	40	0.00	0.82	0.71	0.14	0	5
MAY	10.0	12.3	4.3	9.9	5	22.7	0.001	0.02	0.01	0.09	38	0.00	0.84	0.71	0.14	0	8
JUN	10.0	14.6	5.0	11.0	5	23.1	0.001	0.02	0.01	0.09	38	0.00	1.04	0.89	0.14	0	7
AVERAGE	10.2	11.1	6.6	12.9	5	23.3	0.001	0.02	0.01	0.09	42	0.00	0.98	0.79	0.14	0	5

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	10.5	14.8	12.4	19.0	4	23.3	0.001					0.00				0	4
AUG	10.4	15.2	11.4	19.5	5	23.5	0.001					0.00				0	4
SEP	10.3	15.7	11.0	19.3	5	24.1	0.001					0.00				0	5
OCT	10.2	15.6	8.2	15.7	5	24.0	0.001					0.00				0	5
NOV	10.1	12.8	5.6	10.8	5	23.7	0.001					0.00				0	4
DEC	10.2	7.6	5.2	10.5	5	23.4	0.001					0.00				0	2
JAN	10.1	6.2	4.4	9.8	5	22.9	0.001					0.00				0	3
FEB	10.1	5.7	4.8	10.2	5	23.1	0.001					0.00				0	2
MAR	10.1	6.6	4.5	9.9	5	22.7	0.001					0.00				0	3
APR	10.1	10.0	4.6	10.1	5	22.5	0.002					0.00				0	4
MAY	10.0	13.0	4.6	9.9	5	22.6	0.001					0.00				0	5
JUN	10.0	15.1	5.1	10.8	5	23.0	0.001					0.00				0	5
AVERAGE	10.2	11.5	6.8	13.0	5	23.3	0.001					0.00				0	4

TABLE 12 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS STAGES OF THE TREATMENT PROCESS

YEAR ENDING JUNE 30 , 2006

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	10.5	14.7	12.6	19.0	4	23.3	0.001	0.02		0.09	0	0.82	0.65	0	6
AUG	10.4	14.8	11.5	19.6	5	23.6	0.001	0.02		0.09	0	0.95	0.73	0	4
SEP	10.3	15.4	10.4	19.3	5	23.7	0.001	0.02		0.11	0	1.02	0.75	0	6
OCT	10.3	15.2	8.2	15.9	5	24.1	0.001	0.01		0.11	0	1.13	0.87	0	5
NOV	10.1	12.7	5.7	10.9	5	23.8	0.001	0.02		0.10	0	1.20	1.01	0	5
DEC	10.1	7.4	4.7	10.2	6	23.3	0.001	0.02		0.10	0	1.21	1.01	0	3
JAN	10.1	5.6	4.1	9.6	6	23.0	0.001	0.03		0.11	0	1.06	0.87	0	3
FEB	10.2	5.2	4.8	10.3	5	23.0	0.001	0.05		0.11	0	0.92	0.75	0	3
MAR	10.2	5.8	4.6	9.9	5	22.8	0.001	0.03		0.10	0	0.90	0.75	0	3
APR	10.1	9.7	4.5	10.1	5	22.5	0.001	0.02		0.10	0	0.83	0.71	0	4
MAY	10.0	12.4	4.4	9.9	5	22.6	0.001	0.03		0.11	0	0.86	0.73	0	6
JUN	10.0	14.6	5.2	11.0	6	23.1	0.001	0.03		0.10	0	1.09	0.92	0	5
AVERAGE	10.2	11.1	6.7	13.0	5	22.0	0.001	0.02		0.10	0	1.00	0.81	0	4

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	10.5	14.6	12.4	19.0	17			0.54	0.04	0.47	0	0.93	0.76	0	12
AUG	10.4	14.8	11.4	20.0	20			0.56	0.07	0.48	0	1.10	0.86	0	8
SEP	10.3	15.0	10.6	20.0	19			0.54	0.19	0.73	0	1.28	1.02	0	6
OCT	10.2	15.1	8.4	16.1	18			0.42	0.14	0.50	0	1.35	1.09	0	12
NOV	10.1	12.1	5.6	11.0	15			0.46	0.02	0.37	0	1.34	1.16	0	8
DEC	10.1	7.0	4.7	10.3	17			0.60	0.01	0.48	0	1.30	1.10	0	4
JAN	10.1	5.4	4.4	10.0	20			0.72	0.02	0.54	0	1.18	0.97	0	4
FEB	10.2	4.7	4.9	10.5	22			0.91	0.02	0.63	0	1.02	0.83	0	3
MAR	10.2	5.3	4.7	10.2	20			0.77	0.02	0.58	0	1.01	0.85	0	4
APR	10.1	9.5	4.7	10.5	19			0.84	0.01	0.58	0	0.95	0.83	0	5
MAY	10.0	12.1	4.4	10.2	21			0.86	0.01	0.61	0	1.00	0.86	0	8
JUN	10.0	14.4	5.1	11.3	19			0.61	0.01	0.50	0	1.19	1.01	0	6
AVERAGE	10.2	10.8	6.8	13.3	19			0.65	0.05	0.54	0	1.14	0.95	0	7

TABLE 12 (cont'd)

CHARACTERISTICS OF WATER IN VARIOUS STAGES OF THE TREATMENT PROCESS

YEAR ENDING JUNE 30, 2006

PLANT AERATED INFLUENT (AM)

MONTH	PH (s.u.)	TEMP (°C)	CO2 ACIDITY (mg/l)	PHEN. ALKALINITY (mg/l)	TOTAL ALKALINITY (mg/l)
JUL	3.6	13.2	28.5		
AUG	3.6	13.7	30.0		
SEP	3.6	14.2	27.7		
OCT	3.7	15.3	22.2		
NOV	3.7	12.5	22.5		
DEC	3.7	7.6	25.0		
JAN	3.9	5.6	19.5		
FEB	3.9	5.0	19.5		
MAR	3.8	5.2	23.5		
APR	3.7	9.0	24.0		
MAY	3.7	11.8	22.4		
JUN	3.7	13.4	22.1		
AVERAGE	3.7	10.5	23.9		

PLANT AERATED INFLUENT (PM)

MONTH	PH (s.u.)	TEMP (°C)	CO2 ACIDITY (mg/l)	PHEN. ALKALINITY (mg/l)	TOTAL ALKALINITY (mg/l)
JUL	3.6	13.4	28.3		
AUG	3.6	13.7	28.8		
SEP	3.6	14.5	27.5		
OCT	3.7	15.5	21.4		
NOV	3.7	12.7	21.7		
DEC	3.8	7.9	22.2		
JAN	3.9	6.0	19.1		
FEB	3.9	5.6	19.5		
MAR	3.9	5.9	23.4		
APR	3.8	9.2	23.1		
MAY	3.7	12.2	21.2		
JUN	3.7	13.6	21.2		
AVERAGE	3.7	10.8	23.1		

PLANT MIX (AM)

MONTH	PH (s.u.)	TEMP (°C)	PHEN. ALKALINITY (mg/l)	TOTAL ALKALINITY (mg/l)
JUL	6.8	13.6		6.7
AUG	7.2	13.9	0.6	9.1
SEP	7.0	14.3	5.0	9.0
OCT	7.0	15.1		8.0
NOV	7.2	12.0	1.3	6.5
DEC	6.6	6.7	1.8	5.6
JAN	7.0	5.1	1.5	6.0
FEB	7.2	4.7	1.3	6.6
MAR	7.0	5.1		6.5
APR	7.0	9.0		5.9
MAY	7.1	12.2		5.3
JUN	7.1	14.0		5.9
AVERAGE	7.0	10.5	1.9	6.7

PLANT MIX (PM)

MONTH	PH (s.u.)	TEMP (°C)	PHEN. ALKALINITY (mg/l)	TOTAL ALKALINITY (mg/l)
JUL	6.8	14.0		6.6
AUG	7.2	14.2	0.5	8.9
SEP	6.8	14.7		8.6
OCT	6.9	15.3	1.4	8.2
NOV	7.4	12.4	3.3	6.3
DEC	6.9	7.3	2.4	6.0
JAN	6.9	5.6		5.6
FEB	7.1	5.4		6.1
MAR	7.0	6.1		6.3
APR	7.5	9.7	0.7	5.8
MAY	7.0	13.0		5.3
JUN	7.1	14.7		6.1
AVERAGE	7.1	11.0	1.7	6.6

TABLE 13

SANITARY CHEMICAL ANALYSIS

YEAR ENDING JUNE 30, 2006

RAW WATER (QUARTERLY)	AMMONIA - N (mg/l)	NITRATES - N (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	< 0.02	< 0.10	12.0	12.0	5.3	58	66	9	4.8	< 0.03	2.2		101
OCT- DEC	0.02	< 0.10	5.0	14.0	3.9	36	61	21	4.5	< 0.03	3.5		97
JAN - MAR	0.03	< 0.10	6.0	3.4	10.8	97	59	14	4.1	< 0.02	1.9	< 0.01	92
APR - JUN	< 0.02	< 0.10	< 5.0	5.8	10.3	99	59	9	5.0	0.02	2.0		100
AVERAGE	0.02	0.10	7.00	8.8	7.6	73	61	13	4.6	0.03	2.4	0.01	98

PLANT EFFLUENT (QUARTERLY)	AMMONIA - N (mg/l)	NITRATES - N (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	< 0.02	< 0.10	33.0	13.3	8.3	93	114	14	5.1	< 0.03	15.9		175
OCT- DEC	< 0.02	< 0.10	27.0	15.4	8.4	98	90	16	3.9	0.05	17.4		170
JAN - MAR	< 0.02	< 0.10	26.0	2.6	11.7	105	93	20	3.3	< 0.02	7.1	< 0.01	133
APR - JUN	< 0.02	< 0.10	28.0	6.5	9.7	95	96	47	4.1	< 0.02	8.1		155
AVERAGE	0.02	0.10	28.5	9.5	9.5	98	98	24	4.1	0.03	12.1	0.01	158

TAP WATER (QUARTERLY)	AMMONIA - N (mg/l)	NITRATES - N (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	< 0.02	< 0.10	36.0	17.8		116	24	5.2	< 0.03			165
OCT- DEC	< 0.02	< 0.10	25.0	17.5		94	11	4.4	0.06			170
JAN - MAR	LA	< 0.10		6.1		91	21	3.9	< 0.02		< 0.01	122
APR - JUN	< 0.02	< 0.10	11.3	9.5		109	9	4.3	< 0.02			152
AVERAGE	0.02	0.10	24.10	12.7		103	16	4.5	0.03		0.01	152

NOTE :
ND = None Detected
LA = Lab Accident

TABLE 14

WATER DISTRIBUTION SYSTEM
AQUEDUCT DISTRIBUTION RESERVOIR OPERATING STATISTICS

YEAR ENDING JUNE 30, 2006

	7 AM STATISTICS ON FIRST DAY OF MONTH		MONTHLY OPERATING STATISTICS												
			WATER ELEVATION AND STORAGE						DAILY FLUCTUATION						
	ELEVATIO	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	228.01	38.34	230.10	226.52	229.04	41.90	35.78	40.11	2.97	0.68	2.08	5.10	1.16	3.57	
AUG	230.12	41.94	230.38	226.47	229.18	42.37	35.70	40.34	3.33	0.85	1.94	5.72	1.45	3.33	
SEP	228.93	39.91	229.94	226.79	228.78	41.65	36.24	39.66	2.95	0.72	1.70	5.06	1.23	2.92	
OCT	229.19	40.35	230.08	226.00	228.91	41.87	34.89	39.88	3.12	0.81	1.86	5.35	1.38	3.20	
NOV	228.65	39.43	230.33	225.21	229.06	42.28	33.53	40.14	4.81	0.73	2.19	8.25	1.26	3.76	
DEC	227.65	37.72	227.88	222.97	226.38	38.11	29.69	35.54	4.08	0.90	2.64	7.00	1.55	4.53	
JAN	226.46	35.68	227.59	222.95	226.34	37.62	29.65	35.46	4.16	0.98	2.64	7.14	1.68	4.54	
FEB	225.31	33.71	227.50	222.40	226.29	37.47	28.71	35.38	5.04	1.21	2.73	8.65	2.08	4.69	
MAR	226.19	35.21	227.99	221.80	226.36	38.30	27.68	35.51	4.70	1.52	2.78	8.07	2.61	4.78	
APR	227.09	36.75	227.45	222.82	226.34	37.37	29.43	35.47	4.63	1.81	3.13	7.94	3.11	5.36	
MAY	225.79	34.52	228.82	221.80	226.05	39.72	27.68	34.97	5.66	1.48	2.97	9.71	2.53	5.09	
JUN	227.89	38.12	230.45	224.08	228.57	42.49	31.60	39.30	5.31	0.86	2.65	9.12	1.48	4.54	
AVG					**227.61**			**37.65**			**2.44**			**4.19**	

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, 2006

	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	225.20	38.93	227.30	221.60	224.28	42.63	32.60	37.31	3.50	0.40	1.83	6.16	0.70	3.22
AUG	225.50	39.46	227.50	221.30	224.18	42.98	32.07	37.14	3.30	0.90	2.00	5.81	1.58	3.51
SEP	225.60	39.64	226.90	223.40	225.10	41.92	35.76	38.76	2.30	0.70	1.56	4.05	1.23	2.74
OCT	226.60	41.40	228.00	218.00	225.91	43.86	26.26	40.18	2.75	0.60	1.79	4.84	1.06	3.14
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					74.96			12.78			0.60			1.05

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 11/15/05 to 6/21/06.

TABLE 16

WATER DISTRIBUTION SYSTEM
LONGVIEW DISTRIBUTION RESERVOIR OPERATING STATISTICS

YEAR ENDING JUNE 30, 2006

	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	304.81	23.70	305.78	299.25	304.71	24.60	18.54	23.61	5.90	1.32	4.31	5.47	1.22	4.00
AUG	304.34	23.26	309.91	280.15	304.59	28.44	0.82	23.50	5.07	1.02	4.11	4.71	0.95	3.81
SEP	304.78	23.68	306.20	300.30	304.51	24.99	19.52	23.43	4.74	1.37	3.30	4.40	1.27	3.06
OCT	304.88	23.77	306.18	301.36	305.19	24.98	20.50	24.06	4.23	1.61	3.28	3.92	1.50	3.05
NOV	305.01	23.89	305.83	301.36	304.87	24.65	20.50	23.76	4.23	1.38	2.94	3.93	1.28	2.73
DEC	304.75	23.65	305.61	298.95	304.36	24.45	18.27	23.29	4.23	1.68	2.68	3.92	1.56	2.49
JAN	304.37	23.30	305.55	297.00	303.87	24.39	16.45	22.84	6.77	1.23	2.71	6.28	1.14	2.52
FEB	303.88	22.84	305.45	299.63	304.11	24.30	18.89	23.05	4.85	1.12	2.59	4.50	1.04	2.40
MAR	303.18	22.19	305.51	300.38	304.10	24.35	19.59	23.04	4.40	1.54	2.50	4.09	1.43	2.32
APR	304.66	23.56	305.55	300.84	304.38	24.39	20.02	23.31	4.10	1.68	2.88	3.80	1.56	2.67
MAY	303.05	22.07	305.16	296.46	300.53	24.03	15.96	19.73	4.71	1.61	3.30	4.37	1.50	3.06
JUN	301.49	20.63	305.51	299.19	304.18	24.35	18.49	23.12	5.23	1.47	3.09	4.85	1.36	2.87
YEAR					**304.12**			**23.06**			**3.14**			**2.91**

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, 2006

	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	481.44	4.24	484.31	478.24	480.61	4.98	3.41	4.02	4.92	3.37	3.98	5.76	3.02	3.90
AUG	479.43	3.72	484.02	478.01	480.14	4.90	3.35	3.90	4.85	3.32	3.86	5.93	3.18	4.58
SEP	483.18	4.69	485.00	465.00	481.13	5.15	0.00	4.15	4.86	3.37	4.11	3.32	3.37	4.12
OCT	480.89	4.09	484.10	480.71	482.15	4.92	4.05	4.42	4.87	4.00	4.37	3.33	3.14	3.20
NOV	482.47	4.50	484.07	480.62	482.12	4.91	4.03	4.41	4.86	3.98	4.36	3.32	3.13	3.18
DEC	481.95	4.37	484.57	480.69	482.09	5.04	4.04	4.40	4.99	4.00	4.36	3.75	2.82	3.19
JAN	482.99	4.64	485.00	464.70	482.10	5.15	-0.08	4.41	5.10	-0.08	4.36	20.00	1.43	4.29
FEB	483.45	4.75	484.31	479.43	482.21	4.98	3.72	4.43	4.92	3.68	4.39	4.56	2.43	3.20
MAR	482.27	4.45	484.14	480.65	482.11	4.93	4.03	4.41	4.88	3.99	4.36	3.32	3.12	3.17
APR	481.59	4.27	484.05	465.00	482.02	4.91	0.00	4.39	4.86	0.00	4.34	18.93	2.95	3.74
MAY	481.39	4.22	484.10	477.41	482.09	4.92	3.20	4.40	4.87	3.16	4.35	6.42	2.87	3.12
JUN	482.16	4.42	483.87	479.79	482.20	4.86	3.81	4.43	4.81	3.77	4.38	4.00	2.88	2.98
AVG					**481.75**			**4.31**			**4.27**			**3.56**

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, 2006

	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	392.45	3.01	397.50	388.61	392.63	3.45	2.68	3.03	8.50	4.79	5.28	0.74	0.42	0.46
AUG	392.47	3.01	397.11	391.93	392.53	3.42	2.97	3.02	5.18	4.99	5.13	0.45	0.44	0.45
SEP	392.81	3.04	397.11	391.96	392.53	3.42	2.97	3.02	5.15	4.86	5.09	0.45	0.43	0.45
OCT	393.05	3.06	397.11	391.96	392.67	3.42	2.97	3.03	5.15	4.91	5.12	0.45	0.43	0.45
NOV	392.63	3.03	397.15	391.98	392.84	3.42	2.97	3.05	5.17	5.13	5.13	0.45	0.45	0.45
DEC	392.39	3.01	397.22	391.20	393.16	3.43	2.90	3.08	5.91	1.77	5.05	0.52	0.15	0.44
JAN	393.61	3.11	397.15	389.39	394.00	3.42	2.75	3.15	6.93	5.13	5.27	0.61	0.45	0.46
FEB	392.81	3.04	397.15	391.07	393.60	3.42	2.89	3.11	6.04	1.91	4.96	0.53	0.17	0.43
MAR	392.73	3.04	397.11	391.96	392.70	3.42	2.97	3.03	5.15	5.13	5.13	0.45	0.45	0.45
APR	392.45	3.01	397.11	390.91	392.84	3.42	2.88	3.05	6.20	5.13	5.20	0.54	0.45	0.45
MAY	393.35	3.09	397.11	391.93	393.12	3.42	2.97	3.07	5.18	5.13	5.13	0.45	0.45	0.45
JUN	393.22	3.08	397.15	391.96	392.38	3.42	2.97	3.01	5.17	5.13	5.13	0.45	0.45	0.45
AVG					**392.92**			**3.05**			**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, 2006

PIPE INSTALLED (FT)							
CITY/TOWN	6"	8"	12"	16"	20"	24"	TOTAL
PROVIDENCE	2001.0	803.0	430.0	90.0	0.0	232.0	3,556.0
CRANSTON	1,259.0	5,616.0	0.0	0.0	931.0	0.0	7,806.0
JOHNSTON	266.0	1,092.0	0.0	0.0	0.0	0.0	1,358.0
N. PROVIDENCE	579.0	89.0	0.0	0.0	0.0	0.0	668.0
TOTALS	**4,105.0**	**7,600.0**	**430.0**	**90.0**	**931.0**	**232.0**	**13,388.0**

PIPE REMOVED (FT)							
CITY/TOWN	6"	8"	12"	16"	20"	24"	TOTAL
PROVIDENCE	1543.0	350.0	751.0	306.0	0.0	1033.0	3983.0
CRANSTON	1075.0	162.0	0.0	0.0	0.0	0.0	1237.0
JOHNSTON	556.0	0.0	0.0	0.0	100.0	0.0	656.0
N. PROVIDENCE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTALS	**3174.0**	**512.0**	**751.0**	**306.0**	**100.0**	**1033.0**	**5,876.0**

NET LENGTH INCREASE TO DISTRIBUTION SYSTEM (FT)							
CITY/TOWN	6"	8"	12"	16"	20"	24"	TOTAL
PROVIDENCE	458.0	453.0	-321.0	-216.0	0.0	-801	(427.0)
CRANSTON	184.0	5,454.0	0.0	0.0	931.0	0.0	6,569.0
JOHNSTON	(290.0)	1,092.0	0.0	0.0	-100.0	0.0	702.0
N. PROVIDENCE	579.0	89.0	0.0	0.0	0.0	0.0	668.0
TOTALS	**931.0**	**7,088.0**	**(321.0)**	**-216.0**	**831.0**	**-801.0**	**7,512.0**

TABLE 20

PUBLIC WATER MAINS IN USE

YEAR ENDING JUNE 30, 2006

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	1,449,148.56	274.46	652,867.63	123.65	139,368.37	26.40	233,038.16	44.14	2,474,422.72	468.64	82.06	0.02
8-INCH	376,224.66	71.25	683,728.32	129.49	274,686.12	52.02	201,443.21	38.15	1,536,082.31	290.92	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	257,213.84	48.71	137,597.30	26.06	13,556.11	2.57	40,350.79	7.64	448,718.04	84.98	7,458.17	1.41
16-INCH	148,814.55	28.18	23,015.05	4.36	6,471.63	1.23	10,705.38	2.03	189,006.61	35.80	55,735.19	10.56
20-INCH	20,295.24	3.84	17,727.00	3.36	0.00	0.00	0.00	0.00	38,022.24	7.20	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	**2,401,557.77**	**454.84**	**1,616,886.23**	**306.23**	**477,788.06**	**90.49**	**506,996.99**	**96.02**	**5,003,229.05**	**947.58**	**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 12-inch mains tabulated for Johnston includes 146.00 feet in Smithfield.
The length of 6-inch mains tabulated for North Providence includes 179.30 feet in Pawtucket.

TABLE 21

STOP GATES IN USE

YEAR ENDING JUNE 30, 2006

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	4,412	1,141	12	684	287	28	80	39	7	3	10	0	6,703
CRANSTON	1,812	1,640	0	319	54	29	11	17	12	16	3	5	3,918
JOHNSTON	403	583	1	31	12	5	12	0	3	0	1	0	1,051
N. PROVIDENCE	671	448	1	95	10	0	11	1	1	0	0	0	1,238
TOTALS	**7,298**	**3,812**	**14**	**1,129**	**363**	**62**	**114**	**57**	**23**	**19**	**14**	**5**	**12,910**

TABLE 22

SERVICE PIPES INSTALLED AND REMOVED

YEAR ENDING JUNE 30, 2006

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	371	21	17	409	241	3	3	247
CRANSTON	46	2	7	55	21	0	0	21
JOHNSTON	10	0	0	10	2	0	0	2
N. PROVIDENCE	23	3	2	28	2	0	0	2
TOTALS	**450**	**26**	**26**	**502**	**266**	**3**	**3**	**272**

TABLE 23

POST TYPE HYDRANTS IN USE

YEAR ENDING JUNE 30,2006

	PROVIDENCE	CRANSTON	JOHNSTON	NO. PROVIDENCE	TOTAL
INSTALLED	74	38	8	12	132
REMOVED	68	33	13	10	124
SYSTEM TOTAL	3,186	1,708	385	482	5,761

TABLE 24

WATER SOLD TO WHOLESALE CUSTOMERS

YEAR ENDING JUNE 30, 2006

CUSTOMER	ANNUAL VOLUME (GAL)	MONTHLY AVERAGE (GAL)	DAILY AVERAGE (MGD)
EAST PROVIDENCE WATER DIVISION	1,747,650,000	145,637,500	4.79
EAST SMITHFIELD WATER DEPARTMENT	236,930,000	19,744,167	0.65
GREENVILLE WATER DISTRICT	361,790,000	30,149,167	0.99
KENT COUNTY WATER AUTHORITY	2,847,170,000	237,264,167	7.80
SMITHFIELD WATER SUPPLY BOARD	315,600,000	26,300,000	0.86
TOWN OF JOHNSTON	217,090,000	18,090,833	0.59
WARWICK DEPARTMENT OF PUBLIC WORKS	3,259,500,000	271,625,000	8.93
LINCOLN WATER COMMISSION	860,420,000	71,701,667	2.36
BRISTOL COUNTY WATER AUTHORITY	1,221,720,000	101,810,000	3.35
TOTAL	**11,067,870,000**	**922,322,500**	**30.32**

WHOLESALE CUSTOMER DEMAND
YEAR ENDING - JUNE 30, 2006

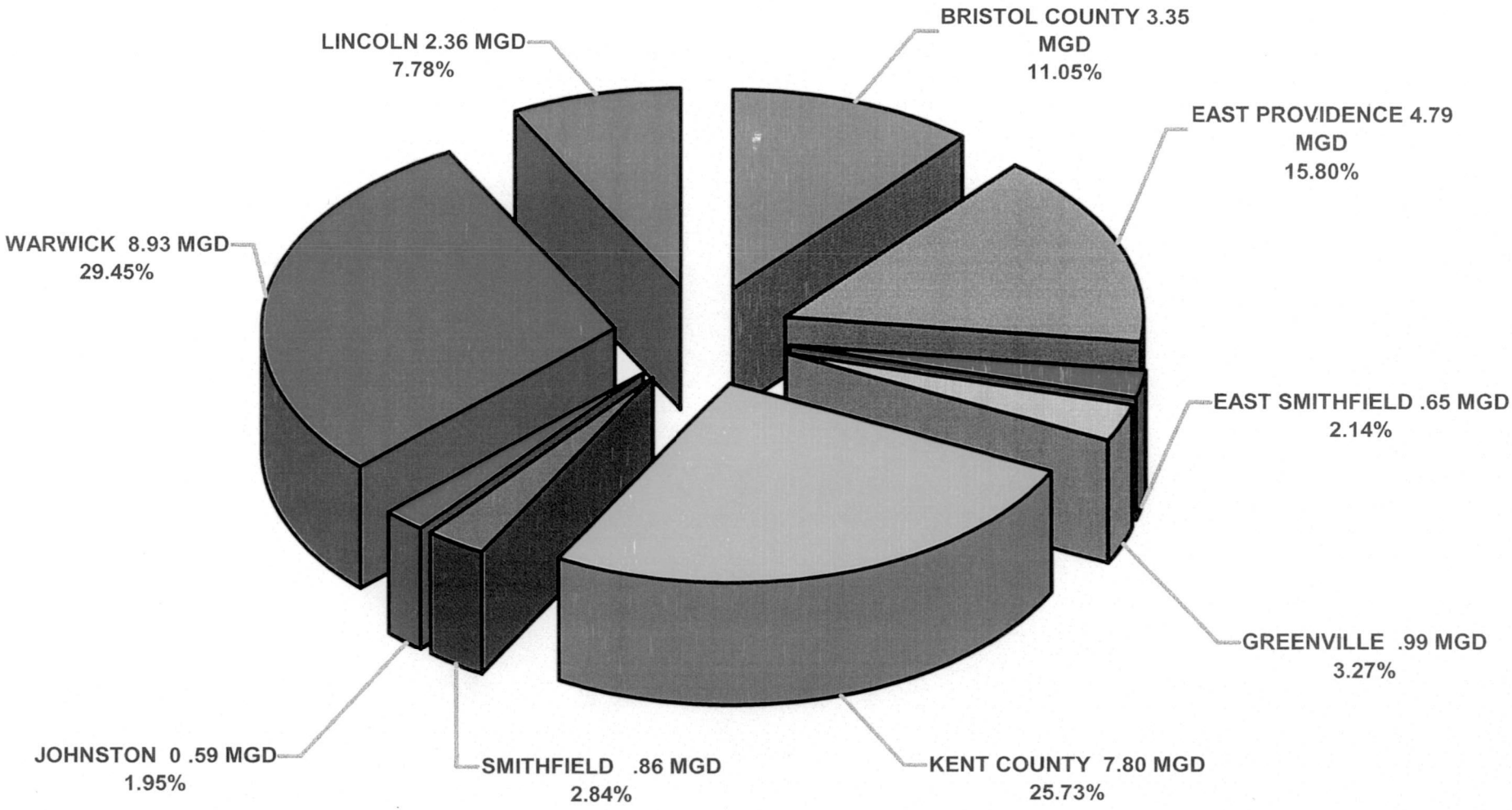


TABLE 25

CAPACITY AND DEMAND

YEAR ENDING JUNE 30, 2006

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

NOTE:
1941 to 1969 reporting year ends September 30.
1970 to 2006 reporting year ends June 30.

TABLE 25 (cont'd)

CAPACITY AND DEMAND

YEAR ENDING JUNE 30, 2006

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
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
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

NOTE:
1941 to 1969 reporting year ends September 30.
1970 to 2006 reporting year ends June 30.

TABLE 25 (cont'd)

CAPACITY AND DEMAND

YEAR ENDING JUNE 30, 2006

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
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
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

NOTE:
1941 to 1969 reporting year ends September 30.
1970 to 2006 reporting year ends June 30.

HISTORICAL

DEMAND vs PLANT CAPACITY

(1941 - 2006)

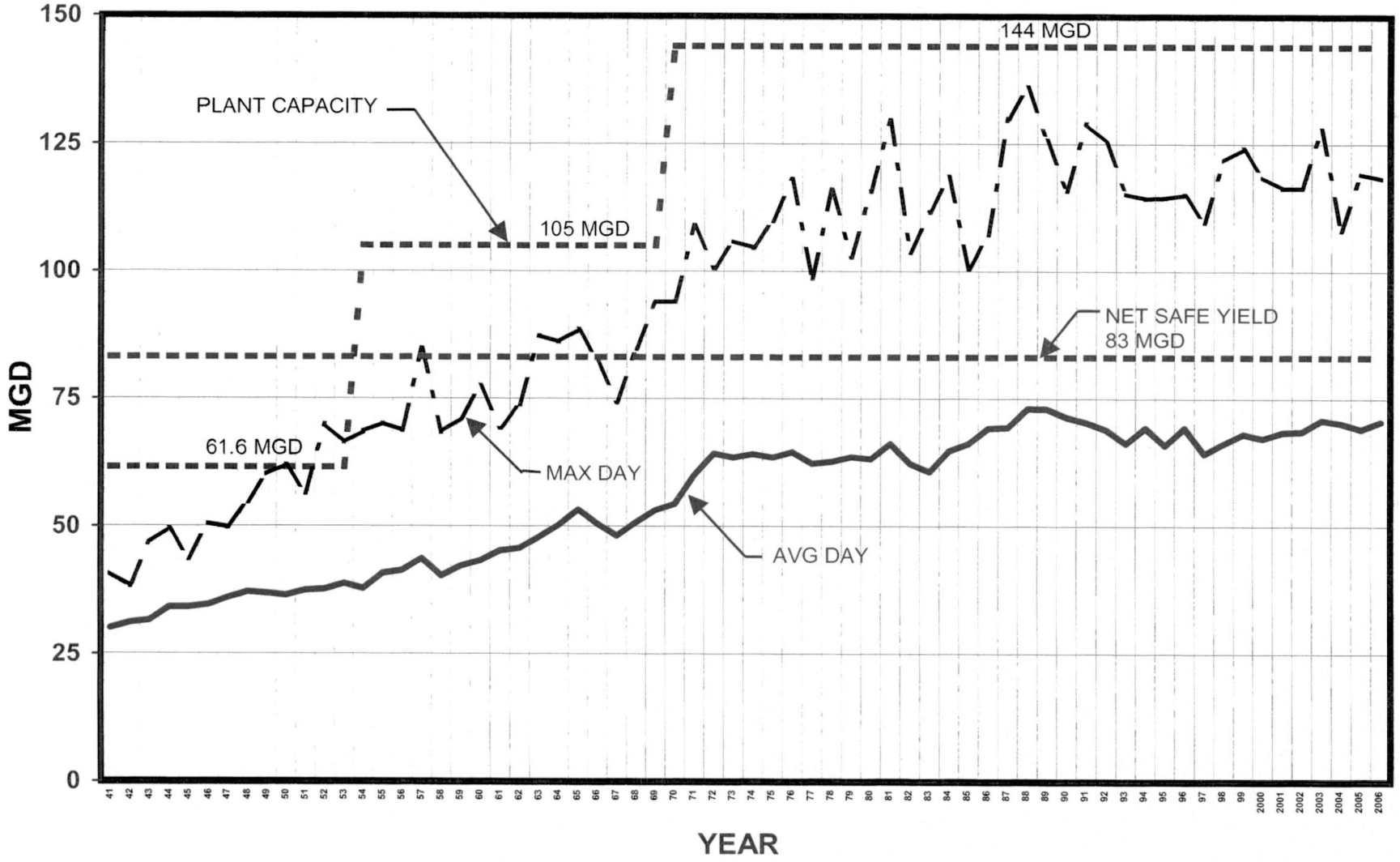


TABLE 26

AVERAGE DAILY DEMAND (MGD) PER MONTH

YEAR ENDING JUNE 30, 2006

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, 2006

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
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

NOTE:

1) 1941 to 1969 reporting year ended September 30., 1970 to 2006 reporting year ended June 30.

TABLE 27

SUMMARY OF GENERAL STATISTICS

Year Ending June 30, 2006

SOURCE OF SUPPLY

Watershed Area	92.8 square miles
Watershed Area Owned	26.7 square miles
Supply Source	Scituate Reservoir and Five Tributary Reservoirs
Avail. Storage Capacity (all reservoirs)	39,746 million gallons
Rainfall	71.37 inches *
90-Year Average Annual Rainfall	50.55 inches
Watershed Yield	49.72 billion gallons *
90-Year Average Yield	40.53 billion gallons
Draft from Reservoir	128.33 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	70.62 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	948 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	73,782
Number of Stop Gates	12,910
Number of Fire Hydrants	5,761

DEMAND

Total Annual	25.777 billion gallons *
Average Day	70.62 million gallons/day *
Maximum Day	118.07 million gallons/day *
Minimum Day	51.31 million gallons/day *
Retail	40.30 million gallons/day
Wholesale	30.32 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, 2005 TO JUNE 30, 2006.