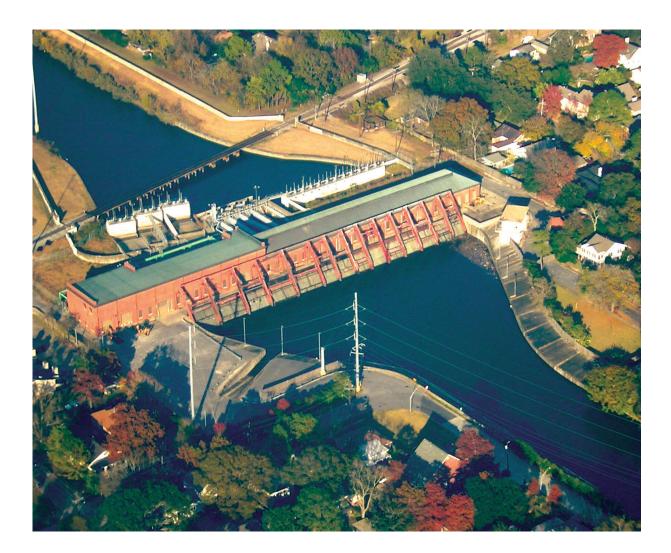


# Sewerage and Water Board

OF NEW ORLEANS, LA.



COMPREHENSIVE ANNUAL FINANCIAL REPORT FOR THE YEAR ENDED DECEMBER 31, 2004

About the Cover:

The Sewerage and Water Board's Drainage Pumping Station No. 6, one of the world's largest drainage pumping stations, can drain over six billion gallons of water in a 24-hour period. It is located on the Seventeenth Street Canal near Metairie Road and spans Orleans and Jefferson Parishes. This aerial view shows the intake basin, the pumping station and the discharge basin. The S&WB operates 22 major drainage pumping stations with a combined capacity of 30 billion gallons per day.

# SEWERAGE AND WATER BOARD OF NEW ORLEANS

Comprehensive Annual Financial Report For the Year Ended December 31, 2004

> Prepared by: Finance Administration Ethel H. Williams Utility Financial Administrator

# **MISSION STATEMENT**

To be one of the best and most respected suppliers of sewer, water, and drainage services in the south-central United States by providing quality, reliable, and cost effective services to our Customers while maintaining fair and ethical treatment of our well-trained and highly motivated employees.

# **OUR VALUES**

Open, honest communication Trust and respect for each other Offering and encouraging education and opportunity to employees Fostering enthusiasm among employees through example of the managers/supervisors Providing direction and planning and encouraging interdepartmental team work Assuring reliability in providing services to customers

# **KEY RESULT AREAS**

Customer Satisfaction Cost Effectiveness Employee Satisfaction Capabilities Improvement through Training

# SEWERAGE AND WATER BOARD OF NEW ORLEANS

# Comprehensive Annual Financial Report

# Year ended December 31, 2004

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# SEWERAGE AND WATER BOARD OF NEW ORLEANS

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# Comprehensive Annual Financial Report

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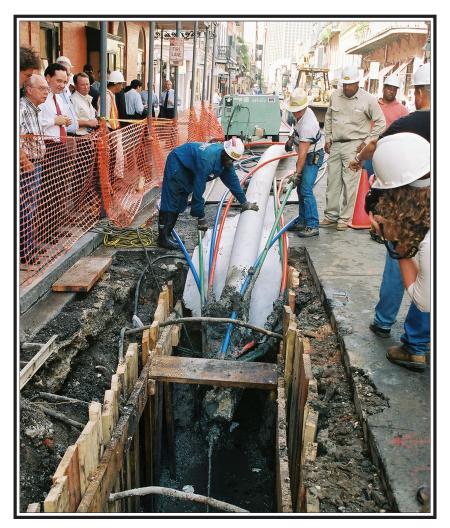
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In 2004, the Sewerage and Water Board conducted demonstrations of a modern construction technique which allows for the installation of fiber optic conduit at the same time new sewer pipe is installed via a method called pipe bursting. A pilot program in the Central Business District is planned for 2005.



This is quite a contrast from the photo on the cover of this Annual Report. This photo, taken in May of 1898, shows the start of construction of that same station, Drainage Pumping Station No. 6. The A. Baldwin Wood Screw Pumps installed at the station in the early 1900s are still in operation today.





**"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21<sup>ST</sup> CENTURY"** 

# Sewerage & Water Board of New ORLEANS

C. RAY NAGIN, President SIDNEY H. EVANS, JR., President Pro-Tem 625 ST. JOSEPH STREET NEW ORLEANS, LA 70165 • 529-2837 OR 52W-ATER www.swbnola.org

April 28, 2005

# TO: THE HONORABLE PRESIDENT AND MEMBERS OF THE SEWERAGE AND WATER BOARD OF NEW ORLEANS

We are pleased to present the Comprehensive Annual Financial Report of the Sewerage and Water Board of New Orleans for the year ended December 31, 2004. Responsibility for both the accuracy of the data and the completeness and fairness of the presentation, including all disclosures, rest solely with the Sewerage and Water Board. It is our belief that the data, as presented, is accurate in all material aspects and is presented in a manner designed to fairly set forth the financial position, results of operations, and cash flows of the Board's Enterprise and Pension Trust Funds. All disclosures necessary to enable the reader to gain an understanding of the Sewerage and Water Board's financial activities have been included.

The Comprehensive Annual Financial Report is presented in four (4) major sections: Introductory, Financial, Statistical and Supplemental. The Introductory Section includes the transmittal letter and listings of the officers, members and committees of the Board of Directors. This section also includes the Board's organizational chart and a reproduction of the 2003 Certificate of Achievement for Excellence in Financial Reporting awarded by the Government Finance Officers Association. The Financial Section includes the independent auditors' report, along with the basic financial statements, required supplementary information, accompanying notes and other supplementary information. The individual fund statements for the Enterprise and Pension Trust Funds are included. Required supplementary includes management's discussion and analysis and a schedule of pension funding progress and contributions. The Statistical Section includes selected financial and demographic information, generally in a multi-year presentation. Additional information relative to the Sewerage and Water Board's operations is included in a Supplemental Section.

The independent audit of the financial statements of the Sewerage and Water Board was part of a broader, federally mandated "Single Audit" designed to meet the special needs of federal grantor agencies. The standards governing single Audit engagements require the independent auditor to report not only on the fair presentation of the financial statements, but also on the audited government's internal controls and compliance with legal requirements, with special emphasis on internal controls and legal requirements involving the administration of federal awards. These reports are available in the Sewerage and Water Board's separately issued Single Audit Report. The Sewerage and Water Board meets the criteria for classification as an "other standalone government" as described in Governmental Accounting Standards Board Statement No. 14. The reporting entity includes the Enterprise Fund and the Pension Trust Fund. The Enterprise Fund is composed of three (3) independent systems: Water, Sewerage and Drainage. The Board adopted Governmental Accounting Standards Board Statement No. 34 – Basic Financial Statements – Management's Discussion and Analysis – for State and Local Government in 2002.

GAAP require that management provide a narrative introduction, overview, and analysis to accompany the basic financial statements in the form of Management's Discussion and Analysis (MD&A). This letter of transmittal is designed to complement MD&A and should be read in conjunction with it. The Sewerage and Water Board's MD&A can be found immediately following the report of the independent auditors.

Sewerage and Water Board of New Orleans is a political subdivision created in 1899 by Louisiana State Statutes. The Board is charged with construction, operation, and maintenance of Water, Sewerage and Drainage Systems for the City of New Orleans. By agreement, approximately 2,550 acres of adjourning Jefferson Parish is served by the Board's drainage facilities for which Jefferson Parish pays its pro rata share of expenses. In addition, the Board provides sewerage services to Jefferson Parish businesses the majority of which are restaurants located in the West End neighborhood near the Lakefront. Additionally, the Board provides water and sewerage services to the Plaquemines Parish Industrial Park. The Sewerage and Water Board was established as a "special board" operating independently of city government. The Mayor of New Orleans serves as the President of the Board of Directors which is composed of three (3) representatives of the City Council, two (2) representatives of the Board of Liquidation, City Debt and seven (7) appointees as designated by the State statutes.

# **ECONOMIC CONDITION AND OUTLOOK**

The Board's service area includes the Civil Parish of Orleans in the state of Louisiana and covers 364 square miles. Based on the 2000 census, the population of Orleans Parish was 484,674. Major industries include tourism, oil and gas, transportation, health and other services, such as legal, education and entertainment.

According to the January 2005 <u>Metropolitan Report: Economic Indicators for the</u> <u>New Orleans Area</u> prepared by the Division of Business and Economic Research, University of New Orleans reflected that the unemployment rate is down from 6.2% to 5.2% which was an improvement over last year's rate.

The sectors with the largest employment gain over the year were education, state and local government, and information. The sectors losing the most jobs were administrative support and waste management; professional, scientific and technical; and arts, entertainment and recreation. A normal seasonal low in tourism for the third quarter was lowered even more by disruption caused by hurricane activity. Hotel occupancy and rates as well as convention room bookings were low compared to the third quarter in the previous year. Higher tourist

volume and an increase in business travelers balanced the drop in convention business and shorter stays amongst all visitors.

The price paid for natural gas at the wellhead continued to rise as well, reflecting that it is no longer a surplus commodity on the North American continent. At \$5.34 per thousand cubic feet, the average wellhead price was 12.8% above third quarter 2003 amount of \$4.74 per thousand cubic feet.

The flow of goods into and out of the Port of New Orleans outpaced previous year levels by 15.4%. Goods flowing into the port increased 14.8% (545,900 short tons) while goods flowing out of the port increased 16.1% (503,700 short tons).

Total metropolitan area gambling revenues rose a collective 7.4% above third quarter 2003 to reach \$152.4 million. The majority of this increase was attributable to Harrah's casino.

# **MAJOR INITIATIVES**

For the year: The Board budgeted approximately \$333 million for capital improvements in 2004. Highlights of this program included:

- Water: The water system model has been completed and a draft report issued. The model predicts capital improvements needed over the next 40 years at 3.4 billion dollars. Implementation of these capital improvements identified by the model are dependent upon future funding. Work continues on modifications to Carrollton Treatment Basins to enhance coagulation. New intake piping over the Mississippi River Levee replaced the century old pipe under the levee. The painting of the six steel water tanks at the Carrollton Water Purification Plant was completed. A new on-site chlorine gas generator was purchased for the Algiers Water Purification Plant.
- Sewerage: Work continues on the city-wide sewer rehabilitation program. The Sewerage and Water Board of New Orleans (S&WB) has undertaken a multi-year program, the Sewer System Evaluation and Rehabilitation Program (SSERP), to identify and address structural and mechanical deficiencies in the wastewater collection system and to ensure that the system has adequate capacity. These improvements are required to comply with Section XV Clean Water Act Remedial Measures: Comprehensive Collection System Remedial Program of the Consent Decree between the S&WB, the City of New Orleans, the State of Louisiana, plaintiff intervenors, and the United States of America, entered into in June 1998. The sewer system is divided into 10 basins for study, design and construction. Nearly \$50 million was expended for sewer collection and transmission system improvements in 2004, including inspecting 2,100 sewer manholes and rehabilitated or renovated 400 manholes; rehabilitated 232,000 feet of sanitary sewer pipelines; and inspected 500,000 feet of sanitary sewer pipelines. Continued construction in the Central Business District/French Quarter, Uptown, and Mid-City areas; completed construction in the Gentilly Area; and started construction in the Lower Ninth Ward area. Completed investigation of the New Orleans East area, and started investigation in the South Shore area.

Congress approved federal grant funding for 2004, the eighth in an anticipated series of grants from the Environmental Protection Agency (EPA) for planning, designing, construction, and rehabilitation of the sanitary sewer system. This grant award was \$701,273, with a Federal share of \$385,273 and must be matched by approximately \$315,573 of Board funds.

The Southeast Louisiana Flood Control Projects (SELA), 75% funded by the Corps of Drainage: Engineers is completed as follows: \$19.6 million addition of two new pumps at Drainage Pumping Station No. 1 at the South Broad Avenue and Martin Luther King, Jr. Boulevard; \$22.8 million construction of two new large drainage canals beneath Napoleon Avenue from South Claiborne Avenue to Fontainebleau Drive; \$10.8 million construction of a large new canal beneath South Claiborne Avenue from Nashville Avenue to Jena Street; \$15.4 million construction of a large new canal beneath South Claiborne Avenue from Jena Street to Louisiana Avenue; \$16.0 million construction of canals in the Hollygrove area beneath Forshey and Dublin Streets; and \$20.1 million construction of canals in the Hollygrove area beneath Eagle Street and the rail line. The following (SELA) projects now underway and projected for completion in 2005: Pritchard Street Pumping Station \$6.2 million with a projected completion date of May 2005; and the Dwyer Road Drainage Pumping Station \$25.0 million with a projected completion date of October 2005. The design phase has been completed for the following (SELA) Projects and are expected to begin in 2005 if Federal funding is available: Dwyer Road Intake Canal, from Lafon to Dwyer Road Pumping Station \$18.5 million; and Florida Avenue Canal Phase One, from Mazant to Pumping Station 19 on the Industrial Canal \$10.5 million.

A five-year Capital Program budget of \$1,976,522 was approved by Sewerage and Water board in December 2004. The approved amount for Drainage projects was \$614,856,000, of that amount, \$318,464,000 is participation by others.

# FINANCIAL INFORMATION

Management of the Sewerage and Water Board is responsible for designing and maintaining an internal control structure sufficient to safeguard the Board's assets against loss, theft or misuse and to ensure the reliability of financial records for preparing financial statements in conformity with generally accepted accounting principles. The internal control structure is designed to provide reasonable, but not absolute assurance that these goals are met. The concept of reasonable assurance recognizes that: (1) the cost of internal controls should not exceed the benefits expected to be derived and (2) the valuation of costs and benefits require the exercise of judgement by management.

The Enterprise Fund's water and sewerage systems are financed by user fees multi rate increase adopted in 2003, list 15%, 2003, 15% in 2004, 14% in 2005 and 14% in 2006. The Board commissioned a water rate study in 2005. The unique characteristics of the services provided by the drainage System of New Orleans requires the use of Enterprise Fund accounting in order to obtain a meaningful measure of the cost of providing the services and capital maintenance.

Revenues from the three- (3) mill. six- (6) mill and nine- (9) mill ad valorem taxes, which are restricted exclusively for drainage services, finance the Drainage System. These ad valorem taxes are the operating revenues of the drainage system.

**Budgetary Control:** The Sewerage and Water Board maintains an internal budgetary control through the preparation and monitoring of an annual operating and capital budget for the Water, Sewerage, and Drainage funds. Monthly budget reports are provided to department level managers to assist them in their fiscal responsibilities.

**General Operations**: Provisions for claims decreased by \$0.8 million or 21.4% in 2004 as compared to 2003. Claims Expense varies due to the number and severity of the claims during any period. The decrease is due primarily to several large structured settlement payments made during 2004 as compared to 2003. Operating revenues increased primarily as a result of an increase in charges for services due to sewerage rate increases effective July, 2004 and August, 2003. The Board's total operating revenues increased by 9.9% to approximately \$119.6 million, and total operating expenses increased 6.1% to approximately \$145.5 million.

**Pension Trust Fund Operations:** The contributions to the Pension Trust Funds are based on actuarial valuations.

**Debt Administration:** The Board of Liquidation, City Debt has responsibility for the administration of the Board's debt. Drainage debt services payments are supported by ad valorem tax collections, while user fees are used to provide debt services for the Water and Sewerage System bonds. The Board's Sewerage and Water and Drainage bonds outstanding as of December 31, 2004 totaled \$416,200,000.

**Cash Management:** Cash temporarily idle in the Enterprise Fund during the year was invested in commercial bank certificates of deposit, repurchase agreements, and U.S. Treasury Bills. Effective, January 1998, investments were recorded at fair value. Investment income on these idle funds was \$5,022,586.05.

**Risk Management:** The Sewerage and Water Board uses both insured and retained risk programs to manage exposures to loss. The Board administers self-insured programs for property and automobile liability exposures. Also, retained risk programs for general liability and workers' compensation losses and claims are administered by the Board.

**Other Information:** State Statutes and covenants governing outstanding bond issues require an annual audit of the Board's financial records by independent certified public accountants. The accounting firms of Postlethwaite & Netterville and Bruno & Trevalon were selected by the Board to perform this audit. The independent auditors' report on the basic financial statements is included in the Financial Section of the report. The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Sewerage and Water Board of New Orleans for its Comprehensive Annual Financial Report for the fiscal year ended December 31, 2003. The Certificate of Achievement is a prestigious national award -recognizing conformance with the highest standards for preparation of state and local government financial reports.

In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized comprehensive annual financial report whose contents conform to program standards. Such CAFR must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one (1) year only. The Sewerage and Water Board of New Orleans has received a Certificate of Achievement for the last twentytwo (22) consecutive years. We believe our current report continues to conform to the Certification of Achievement Program requirements and we are submitting it to GFOA.

**Acknowledgments:** The Comprehensive Annual Financial Report was prepared by the dedicated staff of the Board's Management Services Administration, particularly the Accounting, Printing and Information Systems Departments. Additionally, we realize that the cooperation of each Department of the Sewerage & Water Board of New Orleans is essential, and we appreciate the willingness to work together toward this endeavor.

We also wish to thank the members of the Board for their interest and support in our efforts to achieve greater fiscal efficiency and accountability.

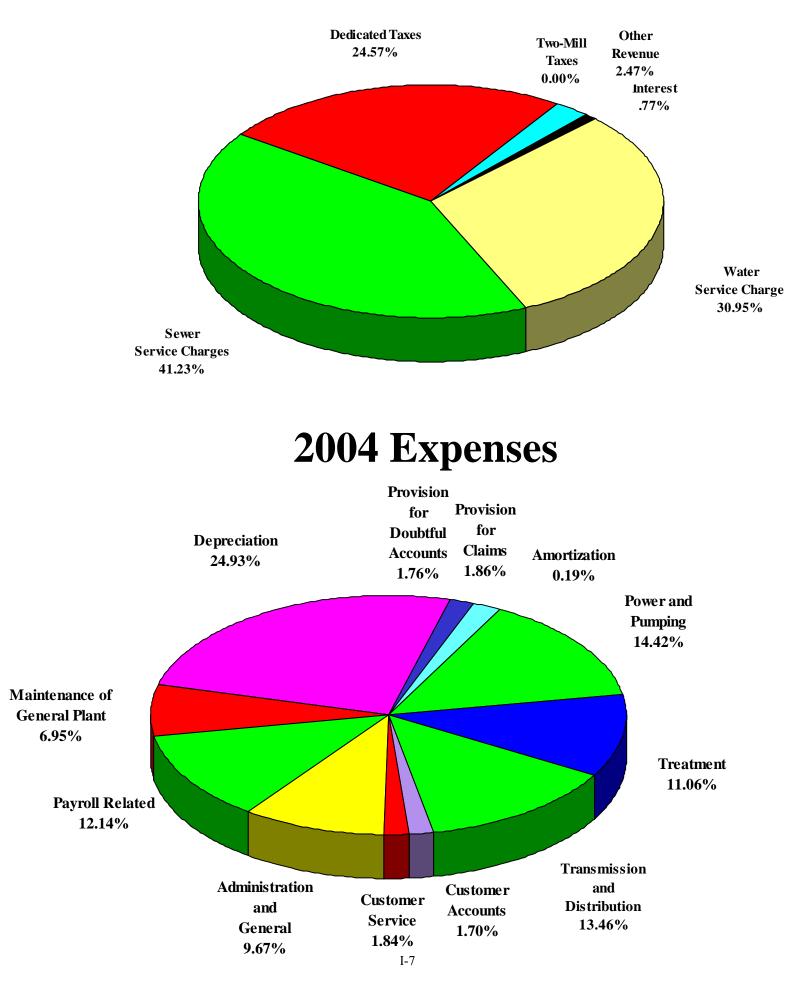
Yours very truly,

Maicia a. & Martin

Marcia A. St. Martin Executive Director

Ethel H. Williams Utility Financial Administrator

# **2004 Revenues**



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# Certificate of Achievement for Excellence in Financial Reporting

Presented to

Sewerage and Water Board

of New Orleans,

Louisiana

For its Comprehensive Annual Financial Report for the Fiscal Year Ended December 31, 2003

A Certificate of Achievement for Excellence in Financial Reporting is presented by the Government Finance Officers Association of the United States and Canada to government units and public employee retirement systems whose comprehensive annual financial reports (CAFRs) achieve the highest standards in government accounting and financial reporting.



Canego Zielke

President

huy R. E

Executive Director

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# **OFFICERS**

# of the

# SEWERAGE AND WATER BOARD OF NEW ORLEANS

# December 31, 2004

C. RAY NAGIN President Mayor, City of New Orleans
SIDNEY H. EVANS, JR President Pro Tem
MARCIA A. ST. MARTIN Executive Director
VACANT Deputy Director
G. JOSEPH SULLIVAN General Superintendent
VACANT Deputy General Superintendent
JOHN D. LAMBERT, JR Special Counsel

# MEMBERS OF SEWERAGE AND WATER BOARD OF NEW ORLEANS

## December 31, 2004

EDDIE L. SAPIR..... Councilmember-at-Large OLIVER M. THOMAS...... Councilmember-at-Large JOHN A. BATT, JR ..... Councilman District A SIDNEY H. EVANS, JR. ..... Member - Board of Liquidation, City Debt NORMA E. GRACE ...... Member - Board of Liquidation, City Debt PENELOPE RANDOLPH...... Councilmanic District A WILLIAM F. GRACE JR..... Councilmanic District B TOMMIE A. VASSEL ..... Councilmanic District C GARY N. SOLOMON...... Councilmanic District D HENRY A. DILLON, JR..... Councilmanic District E BENJAMIN L. EDWARDS, SR..... At-Large Member BARBARA LAMONT ...... At-Large Member

#### COMMITTEES OF SEWERAGE AND WATER BOARD OF NEW ORLEANS

#### December 31, 2004

#### **EXECUTIVE COMMITTEE**

SIDNEY H. EVANS, JR. - Chairperson

BARBARA LAMONT

EDDIE L. SAPIR

GARY N. SOLOMON

OLIVER M. THOMAS

#### FINANCE AND OPERATIONS COMMITTEE

GARY N. SOLOMON - Chairperson

SIDNEY H. EVANS, JR. PENELOPE RANDOLPH OLIVER M. THOMAS TOMMIE A. VASSEL

#### **INFRASTRUCTURE COMMITTEE**

BARBARA LAMONT - Chairperson

NORMA E. GRACE

EDDIE L. SAPIR GARY N. SOLOMON

#### **INSURANCE (AD HOC) COMMITTEE**

PENELOPE RANDOLPH - Chairperson

BENJAMIN L. EDWARDS, SR.

BARBARA LAMONT TOMMIE A. VASSEL

#### PENSION COMMITTEE

SIDNEY H. EVANS, JR. - Chairperson

HENRY A. DILLON, JR. NORMA E. GRACE TOMMIE A. VASSEL PATRICIA W. CAMPBELL WARREN J. LAWRENCE HOWARD E. NOLAN MARVIN R. RUSSELL, JR.

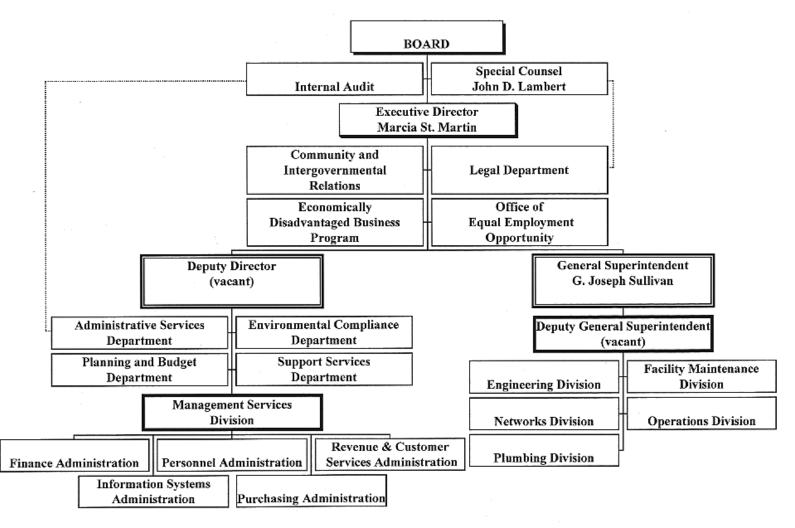
MICHAEL CONEFRY & COMPANY, ACTUARY

#### PLUMBING CONFERENCE COMMITTEE

WILLIAM F. GRACE - Chairperson

JAMES J. ARNOLD RONNIE CROSBY BENJAMIN L. EDWARDS, SR. JAMES C. FINLEY NORMA E. GRACE BARBARA LAMONT G. JOSEPH SULLIVAN

# SEWERAGE AND WATER BOARD OF NEW ORLEANS 2004 ORGANIZATION CHART



# THE SEWERAGE AND WATER BOARD OF NEW ORLEANS

## **DIVISION HEADS OF DEPUTY DIRECTOR**

December 31, 2004

VACANT DEPUTY DIRECTOR

ADMINISTRATIVE SERVICES DIVISION Vacant

ENVIRONMENTAL AFFAIRS DIVISION Gordon C. Austin

MANAGEMENT SERVICES DIVISION Martin F. Comer, Jr.

PLANNING AND BUDGET DIVISION Lawrence J. Federico, Jr.

SUPPORT SERVICES DIVISION Howard E. Noland

# THE SEWERAGE AND WATER BOARD OF NEW ORLEANS

## DIVISION HEADS OF GENERAL SUPERINTENDENT

December 31, 2004

G. JOSEPH SULLIVAN GENERAL SUPERINTENDENT

VACANT DEPUTY GENERAL SUPERINTENDENT

> ENGINEERING DIVISION Rudolph S. St. Germain

# FACILITY MAINTENANCE DIVISION Glenn M. Semel

NETWORKS DIVISION VACANT

OPERATIONS DIVISION John R. Huerkamp

PLUMBING DIVISION James J. Arnold

# THE SEWERAGE AND WATER BOARD OF NEW ORLEANS

# DEPARTMENT HEADS OF MANAGEMENT SERVICES DIRECTOR

December 31, 2004

MARTIN F. COMER, JR. MANAGEMENT SERVICES DIRECTOR

FINANCE ADMINISTRATION Ethel H. Williams

# INFORMATION SYSTEMS ADMINISTRATION Sue D. Mitchell

PERSONNEL ADMINISTRATION Kevin F. Walsh

PURCHASING ADMINISTRATION Willie M. Mingo Jr.

REVENUE AND CUSTOMER SERVICES ADMINISTRATION Jacqueline K. Shine (This page intentionally left blank)

Staff from the Algiers Water Plant participated in a Performance Based Training initiative which included "jar testing," a technique for calculating the dosage of chemicals for the most efficient and thorough treatment of water. The Board constantly seeks modern methods and technology to meet the challenge of treating water from the Mississippi River.

The Water Wheel, a creation of the Community and Intergovernmental Relations Department, is a fun way for students to learn about water quality by answering questions posed by a spin of the wheel. S&WB staff members participate in numerous educational and environmental events like this one, Earth Fest at Audubon Zoo.







www.phepa.com

### INDEPENDENT AUDITORS' REPORT

Members of the Board Sewerage and Water Board of New Orleans:

We have audited the basic financial statements of the Sewerage and Water Board of New Orleans as of and for the years ended December 31, 2004 and 2003, as listed in the table of contents. These basic financial statements are the responsibility of the Board's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America and *Government Auditing Standards* issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the basic financial statements referred to above present fairly, in all material respects, the financial position of the Sewerage and Water Board of New Orleans as of December 31, 2004 and 2003, and the results of its operations and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

The Management's Discussion and Analysis and the Schedules of Funding Progress and Employer Contributions as listed on the accompanying table of contents, are not a required part of the basic financial statements but are supplementary information required by the Governmental Accounting Standards Board. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the supplementary information. However, we did not audit the information and express no opinion on it.

In accordance with *Government Auditing Standards*, we have also issued a report, dated April 28, 2005, on our consideration of the Board's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts and grants. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be read in conjunction with this report in considering the results of our audits.

Our audits were made for the purpose of forming an opinion on the 2004 and 2003 basic financial statements of the Board taken as a whole. The accompanying information included in Schedules 1 through 6 is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information has been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

The Statistical Information and Supplemental Information sections as listed in the table of contents are also presented for purposes of additional analysis and are not a required part of the basic financial statements of the Board. Such additional information has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we express no opinion on it.

Postatheraite Netterville

New Orleans, Louisiana April 28, 2005

# Sewerage & Water Board of New Orleans Management's Discussion and Analysis Year Ended December 31, 2004

This section of the Sewerage & Water Board of New Orleans' (the Board) annual financial report presents a discussion and analysis of the Board's financial performance during the fiscal year that ended December 31, 2004. Please read it in conjunction with the Board's financial statements, which follow this section.

# FINANCIAL HIGHLIGHTS

# **Enterprise Fund**

The major highlights in the Board's enterprise fund were as follows:

# <u>2004</u>

- The Board's additions to its major systems approximated \$121 million.
- The SELA project which is a major upgrade to the drainage system by the Corps of Engineers continued during 2004; \$17.9 million of additions to work in progress were recorded during the year.
- The Board refunded during July 2004 the \$111,800,000 in short term bond anticipation notes originally issued in November 2003.
- The Board issued bond issues in December 2004 totaling \$58,200,000 including \$25,200,000 in short term bond anticipation notes; the proceeds of the issue are to be used to fund capital projects in the sewerage department.
- Capital contributions by others to finance construction of the Board's capital assets totaled \$22.1 million.

<u>2003</u>

- The Board's additions to its major systems approximated \$128 million.
- The SELA project which is a major upgrade to the drainage system by the Corps of Engineers continued during 2003; \$43.4 million of additions to work in progress were recorded during the year.
- The Board issued bond issues in November 2003 totaling \$117,300,000 including \$111,800,000 in short term bond anticipation notes; the proceeds of the issue are to be used to fund capital projects in the sewerage department.
- Capital contributions by others to finance construction of the Board's capital assets totaled \$53.1 million.

# **Pension Trust Fund**

# <u>2004</u>

The major highlight in the Board's pension trust fund was the continued improved financial performance in the public securities market and the resulting appreciation of \$14.1 million in the market value of the investments held by the plan during 2004. The plan net assets available of benefits increased to \$198 million.

# <u>2003</u>

The major highlight in the Board's pension trust fund was the improved financial performance in the public securities market and the resulting appreciation of \$31.1 million in the market value of the investments held by the plan during 2003. The plan net assets available for benefits increased to \$184 million.

# **OVERVIEW OF THE FINANCIAL STATEMENTS**

This financial report consists of five parts: management's discussion and analysis (this section), the financial statements, the notes to the financial statements, required supplementary information, and other supplementary information.

# **Government-wide Financial Statements – Enterprise Fund**

The Board's principal activities of providing water, sewerage, and drainages services are accounted for in a single proprietary fund – the enterprise fund. Enterprise funds are used to report business activities. Since the enterprise fund is the Board's single activity, its financial statements are presented as the Board's government-wide financial statements.

The financial statements provide both long-term and short-term information about the Board's overall financial status. The financial statements also include notes that explain some of the information in the financial statements and provide more detailed data. The statements are followed by a sections of required supplementary information and other supplementary information that further explain and support the information in the financial statements.

The Board's financial statements are prepared on an accrual basis in conformity with accounting principles generally accepted in the United States of America (GAAP) as applied to government units. Under this basis of accounting, revenues are recognized in the period in which they are earned, expenses are recognized in the period in which they are incurred, and depreciation of assets is recognized in the Statements of Revenues, Expenses, and Changes in Net Assets. All assets and liabilities associated with the operation of the Authority are included in the Statements of Net Assets.

The Statement of Net Assets reports the Board's net assets. Net assets-the difference between the Board's assets and liabilities-are one way to measure the Board's financial health or position. The overall increase in the Board's net assets during 2004 and 2003 is an indicator of its positive financial health.

# **Fund Financial Statements – Pension Trust Fund**

The Board's fund financial statements consist of its pension trust fund. As a fiduciary fund, the pension trust fund is held for the benefit of employees and retirees of the Board. The pension trust fund is not reflected in the government wide financials because the resources are not available to the Board for its activities. The accounting for the pension trust fund is much like that used by the enterprise fund.

# FINANCIAL ANALYSIS OF THE BOARD'S

# ENTERPRISE FUND

# 2004 Net Assets

The Board's total assets at December 31, 2004 reached approximately \$1.7 billion, a 6.0% increase over December 31, 2003 (see Table A-1).

		Table A-1										
Sew	Sewerage & Water Board of New Orleans											
Net Assets												
	Increase											
		2004		2003		(Decrease)		(Decrease)				
Current assets	\$	33,106,264	5	30,779,898	\$	2,326,366		7.6%				
Restricted assets		357,112,767		350,711,343		6,401,424		1.8%				
Property, plant and equipment - net		1,279,442,913		1,192,582,354		86,860,559		7.3%				
Other assets		6,944,092		8,517,724		(1,573,632)		-18.5%				
Total assets	\$	1,676,606,036	3	5 1,582,591,319	\$	94,014,717		5.9%				
Current liabilities	\$	216,972,936	5	5 184,377,170	\$	32,595,766		17.7%				
Long-term liabilities		279,560,334		260,657,353		18,902,981		7.3%				
Total liabilities		496,533,270		445,034,523		51,498,747		11.6%				
Net assets:												
Invested in capital assets, net of related debt		1,085,354,440		1,041,213,409		44,141,031		4.2%				
Restricted		94,718,326		96,343,387		(1,625,061)		-1.7%				
Total net assets		1,180,072,766		1,137,556,796		42,515,970		3.7%				
Total liabilities and net assets	\$	1,676,606,036	5	5 1,582,591,319	\$	94,014,717		5.9%				

The increase in total assets of \$95.5 million resulted primarily from an increase in property, plant and equipment of \$86.9 million in 2004 due to \$107.6 million in construction funds expended less the annual provision for depreciation of \$38.6 million. Current liabilities increased by \$32.6 million and long-term liabilities increased by \$18.9 million in 2004 as compared to 2003 due primarily to the issuance of \$170 million in new bonds payable including \$111,800,000 of refunding bond anticipation notes less normal payments of bonds payable existing at the beginning of the year.

## 2003 Net Assets

The Board's total assets at December 31, 2003 reached approximately \$1.6 billion, a 12.8% increase over December 31, 2002 (see Table A-2).

		Table A-2									
Sew	erage &	Water Board of	Ne	w O	rleans						
Net Assets											
							Increase	Γ	Increase		
		2003			2002	-	(Decrease)		(Decrease)		
Current assets	\$	30,779,898		\$	28,650,463		\$ 2,129,435		7.4%		
Restricted assets		350,711,343			268,643,569		82,067,774		30.5%		
Property, plant and equipment - net		1,192,582,354			1,097,145,242		95,437,112		8.7%		
Other assets		8,517,724			8,766,332		(248,608)		-2.8%		
Total assets	\$	1,582,591,319		\$	1,403,205,606		\$ 179,385,713		12.8%		
Current liabilities	\$	184,377,170		\$	71,643,566		\$ 112,733,604		157.4%		
Long-term liabilities		260,657,353			264,347,671		(3,690,318)		-1.4%		
Total liabilities		445,034,523			335,991,237		109,043,286		32.5%		
Net assets:											
Invested in capital assets, net of related debt		1,041,213,409			967,763,496		73,449,913		7.6%		
Restricted		96,343,387			99,450,873		(3,107,486)		-3.1%		
Total net assets		1,137,556,796			1,067,214,369		70,342,427		6.6%		
Total liabilities and net assets	\$	1,582,591,319		\$	1,403,205,606		\$ 179,385,713		12.8%		

The increase in total assets of \$179.4 million resulted primarily from an \$82.1 million increase in restricted assets at December 31, 2003, including an \$86.3 million increase in construction funds on hand from bond issues during 2003, a \$6.3 million decrease in capital projects funds on hand at 2003. Property plant and equipment increased in 2003 by \$95 million due to \$130 million in construction funds expended less the annual provision for depreciation of \$35.5 million. Long-term liabilities increased by \$109.0 million in 2003 as compared to 2002 due primarily to the issuance of \$117.3 million in new bonds payable less normal payments of bonds payable existing at the beginning of the year.

# 2004 Changes in Net Assets

The change in net assets for the year ended December 31, 2004 was approximately \$44.0 million or 37.5% less than the change in net assets for the year ended December 31, 2003. The Board's total operating revenues increased by 8.7% to approximately \$130.1 million, and total operating expenses increased 7.2% to approximately \$153.4 million. The changes in net assets are detailed in Table A-3; operating expenses are detailed in Table A-4.

	Table A-	3			
	Sewerage & Water Boar				
Re	venues , Expenses and C	hange in	1 Net Assets		
				Increase	Increase
	2004	_  [-	2003	(Decrease)	(Decrease)
Operating revenues:					
Charges for services	\$ 126,719,4	06 \$	5 117,542,168	\$ 9,177,238	7.8%
Other	3,343,8	67	2,095,805	1,248,062	59.6%
Total operating revenues	130,063,2	73	119,637,973	10,425,300	8.7%
Operating expenses (Table A-3)	154,833,9	57	143,095,962	11,737,995	8.2%
Operating loss	(24,770,6	84)	(23,457,989)	(1,312,695)	5.6%
Non-operating revenues:					
Property taxes	43,064,9	47	38,943,504	4,121,443	10.6%
Other taxes	744,3	22	770,663	(26,341)	-4.0%
Investment income	1,352,4	25	1,031,593	320,832	31.1%
Total non-operating revenues	45,161,6	94	40,745,760	4,415,934	10.8%
Income before capital contributions	20,391,0	10	17,287,771	3,103,239	18.0%
Capital contributions	22,124,9	60	53,054,656	(30,929,696)	-58.3%
Change in net assets	42,515,9	70	70,342,427	(27,826,457)	-39.6%
Net assets, beginning of year	1,137,556,7	96	1,067,214,369	70,342,427	6.6%
Net assets, end of year	\$ 1,180,072,7	66 \$	\$ 1,137,556,796	\$ 42,515,970	3.7%

Operating revenues increased primarily as a result of an increase in charges for services due to sewerage rate increases effective July, 2004 and August, 2003. The increases in revenue due to rates in sewerage and water revenues were partially offset by a decline in volume. Property taxes increased by \$4.1 million in 2004 due to an increase in assessed value.

Capital revenue from federal grants and construction of Board property by other agencies decreased by 58.3% to \$22.1 million. Principal capital contributions relate to the U.S. Corps of Engineers' construction of major drainage system improvements.

Table A-4											
	Sewerage & Water Board of New Orleans										
Operating Expenses											
						Increase	Increase				
	r	2004	Ľ	2003		(Decrease)	(Decrease)				
Power and pumping	\$	22,334,434	\$	19,339,095	\$	2,995,339	15.5%				
Treatment		17,131,922		17,075,547		56,375	0.3%				
Transmission and distribution		20,846,681		20,324,308		522,373	2.6%				
Customer accounts		2,625,751		2,513,486		112,265	4.5%				
Customer service		2,855,631		2,821,025		34,606	1.2%				
Administration and general		14,978,964		12,534,252		2,444,712	19.5%				
Payroll related		18,794,864		16,697,287		2,097,577	12.6%				
Maintenance of general plant		10,764,556		10,563,936		200,620	1.9%				
Depreciation		38,600,928		35,480,955		3,119,973	8.8%				
Amortization		295,156		188,128		107,028	56.9%				
Provision for doubtful accounts		2,718,176		1,884,751		833,425	44.2%				
Provision for claims		2,886,894		3,673,192		(786,298)	-21.4%				
Total operating expenses	\$	154,833,957	\$	143,095,962	\$	11,737,995	8.2%				

The increase of \$3.0 million or 15.5% in 2004 in power and pumping is primarily due to an increase in the price of natural gas purchased by the Board and in the price per kilowatt hour of purchased electricity as compared to 2003. The increase in administration and general expenses in 2004 of \$2.4 million or 19.5% resulted primarily from increases in non-operating, computer center, fleet and general insurance, and general superintendent expenses. Provisions for doubtful accounts increased by \$0.8 million or 44.2% in 2004 as compared to 2003 as a result of an increase in closed accounts which are fully reserved. Provisions for claims decreased by \$0.8 million or 21.4% in 2004 as compared to 2003. Claims expense varies due to the number and severity of the claims during any period. The decrease is due primarily to a several large structured settlement payments made during 2004 as compared to 2003.

## 2003 Changes in Net Assets

The change in net assets for the year ended December 31, 2003 was approximately \$67.9 million or 45.1% more than the change in net assets for the year ended December 31, 2002. The Board's total operating revenues increased by 9.9% to approximately \$119.6 million, and total operating expenses increased 6.1% to approximately \$145.5 million. The changes in net assets are detailed in Table A-5; operating expenses are detailed in Table A-6.

		e A-5				
P	Sewerage & Water B evenues , Expenses an					
R	evenues, Expenses an	u Change in I	Net Assets			
				Incr		Increase
	2003		2002	(Decr	ease)	(Decrease)
Operating revenues:						
Charges for services	\$ 117,54	42,168 \$	107,087,709	\$ 10	454,459	9.8%
Other	2,0	95,805	1,814,951		280,854	15.5%
Total operating revenues	119,6	37,973	108,902,660	10	735,313	9.9%
Operating expenses (Table A-3)	143,0	95,962	137,137,210	5.	958,752	4.3%
Operating loss	(23,4:	57,989)	(28,234,550)	4	776,561	-16.9%
Non-operating revenues:						
Property taxes		43,504	36,831,327	2.	112,177	5.7%
Other taxes	7	70,663	792,883		(22,220)	-4.0%
Investment income	1,0	31,593	1,616,307	(	584,714)	-36.2%
Total non-operating revenues	40,74	45,760	39,240,517	1.	505,243	3.8%
Income before capital contributions	17,2	87,771	11,005,967	6.	281,804	57.1%
Capital contributions	53,0	54,656	35,785,907	17.	268,749	48.3%
Change in net assets	70,34	42,427	46,791,874	23	550,553	50.3%
Net assets, beginning of year	1,067,2	14,369	1,020,422,495	46	791,874	4.6%
Net assets, end of year	\$ 1,137,5	56,796 \$	1,067,214,369	\$ 70.	342,427	6.6%

Operating revenues increased primarily as a result of an increase in charges for services due to a sewerage rate increase effective August, 2003 and water rate increase effective in July, 2002. The increases in revenue due to rates in sewerage and water revenues were partially offset by a decline in volume. Property taxes increased by \$2.1 million in 2003 due to an increase in assessed value.

Capital revenue from federal grants and construction of Board property by other agencies increased by 8.3% to \$53 million. Principal capital contributions relate to the U.S. Corps of Engineers' construction of major drainage system improvements.

	Table A-6										
	Sewerage & Water Board of New Orleans										
Operating Expenses											
						П		Increase		Increase	
	r	2003		-	2002		(	Decrease)		(Decrease)	
Power and pumping	\$	19,339,095		\$	16,255,368		\$	3,083,727		19.0%	
Treatment		17,075,547			15,515,582			1,559,965		10.1%	
Transmission and distribution		20,324,308			18,233,083			2,091,225		11.5%	
Customer accounts		2,513,486			2,384,744			128,742		5.4%	
Customer service		2,821,025			2,731,763			89,262		3.3%	
Administration and general		12,534,252			14,463,064			(1,928,812)		-13.3%	
Payroll related		16,697,287			16,073,673			623,614		3.9%	
Maintenance of general plant		10,563,936			10,020,846			543,090		5.4%	
Depreciation		35,480,955			34,551,459			929,496		2.7%	
Amortization		188,128			130,304			57,824		44.4%	
Provision for doubtful accounts		1,884,751			1,842,958			41,793		2.3%	
Provision for claims		3,673,192			4,934,366			(1,261,174)		-25.6%	
Total operating expenses	\$	143,095,962		\$	137,137,210		\$	5,958,752		4.3%	

The increase of \$3.1 million or 19.0% in 2003 in power and pumping is primarily due to an increase in the price of natural gas purchased by the Board and in the price per kilowatt hour of purchased electricity as compared to 2002. The increase in 2003 of \$1.6 million in treatment expense as compared to 2002 is primarily a result of the increase in of the costs of treatment charged by the outsourced vendor of the East and West Bank facilities and the settlement of charges from the vendor which were in dispute. The increase of \$2.1 million in 2003 over 2002 in transmission and distribution expenses related to a \$1.0 increase in paving costs as well as other increase in network expenses. The decrease in general and administrative in 2003 resulted primarily from a refund of energy costs.

Provisions for claims decreased by \$1.3 million or 25.6% in 2003 as compared to 2002. Claims expense varies due to the number and severity of the claims during any period. The decrease is due primarily to a decrease in the number of large dollar claims in 2003 as compared to 2002.

# PENSION TRUST FUND

# 2004 Plan Net Assets

The Board's total plan net assets of its pension trust fund at December 31, 2004 was approximately \$198 million, a 7.7% increase over December 31, 2003 (see table A-7). Total assets increased 8.2% to \$202.9 million.

	Table Sewerage & Water Bo Plan Net	oard of New Orleans		
	2004	2003	Increase (Decrease)	Increase (Decrease)
Cash	\$ 242,764	\$ 237,431	\$ 5,333	2.2%
Investments	201,549,735	186,283,692	15,266,043	8.2%
Other assets	1,062,674	874,735	187,939	21.5%
<b>Total assets</b>	202,855,173	187,395,858	15,459,315	8.2%
DROP participant payable	4,571,050	3,279,115	1,291,935	<u>39.4%</u>
Total liabilities	4,571,050	3,279,115	1,291,935	<u>39.4%</u>
Plan net assets	\$ 198,284,123	\$ 184,116,743	\$ 14,167,380	7.7%

Plan net assets increased by \$14.2 million in 2004 primarily due to realized and unrealized gains on investments recognized in 2004.

#### 2003 Plan Net Assets

The Board's total plan net assets of its pension trust fund at December 31, 2003 was approximately \$184 million, a 19.7% increase over December 31, 2002 (see table A-8). Total assets increased 20.0% to \$187.4 million.

Table A-8           Sewerage & Water Board of New Orleans           Plan Net Assets									
	-	2003		-	2002			Increase (Decrease)	Increase (Decrease)
Cash	\$	237,431		\$	552,943		\$	(315,512)	-57.1%
Investments		186,283,692			154,481,539			31,802,153	20.6%
Other assets		874,735			1,114,019			(239,284)	-21.5%
Total assets		187,395,858			156,148,501			31,247,357	20.0%
Due to funds		-			200,000			(200,000)	100.0%
DROP participant payable		3,279,115			2,131,025			1,148,090	53.9%
Total liabilities		3,279,115			2,331,025			948,090	40.7%
Plan net assets	\$	184,116,743		\$	153,817,476		\$	30,299,267	19.7%

Plan net assets increased by \$30 million in 2003 primarily due to realized and unrealized gains on investments recognized in 2003.

# 2004 Changes in Plan Net Assets

Table A-9							
Sewerage & Water Board of New Orleans Change in Plan Net Assets							
		Increase	Increase				
2004	2003	(Decrease)	(Decrease)				
\$ 4,841,810	\$ 4,488,720	\$ 353,090	7.9%				
19,415,652	36,078,814	(16,663,162)	-46.2%				
24,257,462	40,567,534	(16,310,072)	-40.2%				
(7,946,658)	(8,590,242)	643,584	-7.5%				
(116,254)	(202,565)	86,311	-42.6%				
(2,027,170)	(1,475,460)	(551,710)	37.4%				
(10,090,082)	(10,268,267)	178,185	-1.7%				
14,167,380	30,299,267	(16,131,887)	-53.2%				
184,116,743	153,817,476	30,299,267	19.7%				
\$ 198,284,123	\$ 184,116,743	\$ 14,167,380	7.7%				
	Sewerage & Water Boan Change in Plan 2004 \$ 4,841,810 19,415,652 24,257,462 (7,946,658) (116,254) (2,027,170) (10,090,082) 14,167,380 184,116,743	Sewerage & Water Board of New Orleans Change in Plan Net Assets           2004         2003           \$ 4,841,810         \$ 4,488,720           19,415,652         36,078,814           24,257,462         40,567,534           (7,946,658)         (8,590,242)           (116,254)         (202,565)           (2,027,170)         (14,75,460)           (10,090,082)         (10,268,267)           14,167,380         30,299,267           184,116,743         153,817,476	Sewerage & Water Board of New Orleans Change in Plan Net Assets         Increase (Decrease)           2004         2003         Increase (Decrease)           \$ 4,841,810         \$ 4,488,720         \$ 353,090           19,415,652         36,078,814         (16,663,162)           24,257,462         40,567,534         (16,310,072)           (7,946,658)         (8,590,242)         643,584           (116,254)         (202,565)         86,311           (2,027,170)         (1,475,460)         (551,710)           (10,090,082)         (10,268,267)         178,185           14,167,380         30,299,267         (16,131,887)           184,116,743         153,817,476         30,299,267				

Contributions to the pension plan increased in 2004 as compared to 2003 primarily due to increased employer contributions.

The decrease in the change in plan net assets of \$16.1 million resulted primarily from a decrease in unrealized gains on investments in 2004.

## 2003 Changes in Plan Net Assets

Table A-10						
Sewerage & Water Board of New Orleans Change in Plan Net Assets						
2003	2002	Increase (Decrease)	Increase (Decrease)			
\$ 4,488,720	\$ 4,020,608	\$ 468,112	11.6%			
36,078,814	(15,496,265)	51,575,079	-332.8%			
40,567,534	(11,475,657)	52,043,191	-453.5%			
(8,590,242)	(6,827,949)	(1,762,293)	25.8%			
(202,565)	(220,932)	18,367	-8.3%			
(1,475,460)	(1,016,944)	(458,516)	45.1%			
(10,268,267)	(8,065,825)	(2,202,442)	27.3%			
30,299,267	(19,541,482)	49,840,749	-255.1%			
153,817,476	173,358,958	(19,541,482)	-11.3%			
\$ 184,116,743	\$ 153,817,476	\$ 30,299,267	19.7%			
	* 2003 * 2003 * 4,488,720 36,078,814 40,567,534 (8,590,242) (202,565) (1,475,460) (10,268,267) 30,299,267 153,817,476	2003         2002           \$ 4,488,720         \$ 4,020,608           36,078,814         (15,496,265)           40,567,534         (11,475,657)           (8,590,242)         (6,827,949)           (202,565)         (10,268,267)           (10,268,267)         (8,065,825)           30,299,267         (19,541,482)           153,817,476         173,358,958	2003         2002         Increase (Decrease)           \$ 4,488,720 36,078,814         \$ 4,020,608 (15,496,265)         \$ 468,112 51,575,079           40,567,534         \$ 1,1475,657)         \$ 52,043,191           (8,590,242) (202,565)         (6,827,949) (220,932)         (1,762,293) 18,367           (1,475,460)         (1,016,944)         (458,516)           (10,268,267)         (19,541,482)         49,840,749           153,817,476         173,358,958         (19,541,482)			

Contributions to the pension plan increased in 2003 as compared to 2002 primarily due to increased transfers from employees and City of New Orleans.

The increase in the change in plan net assets of \$30.3 million resulted from an a recovery of previous years' unrealized losses on investments as well as realized gains in 2003 of \$36.1 million, reduced by an increase in benefit expenses of \$2.3 million in 2003 as compared to 2002.

# CAPITAL ASSET AND DEBT ADMINISTRATION

# 2004 Capital Assets

As of December 31, 2004, the Board had invested approximately \$1.8 billion in capital assets. Net of accumulated depreciation, the Board's net capital assets at December 31, 2004 totaled approximately \$1.3 billion. This amount represents a net increase (including additions and disposals, net of depreciation) of approximately \$86.9 million or 7.3% over December 31, 2003.

At December 31, 2004, the Board's budget for its five year capital improvements program totaled \$1.9 billion including \$510,610,000 for water, \$851,056,000 for sewerage and \$614,856,000 for drainage. Due to certain regulatory and legislative changes, additional capital improvements will probably be required. Future capital improvement program expenditures may require the issuance of additional debt depending on the amount and timing of expenditures. As of December 31, 2004, the Board has committed or appropriated \$85,776,891 in investments for use in future capital projects and has \$225,529,144 of bond proceeds remaining for construction. The capital project investments are included in restricted assets.

The capital improvements budget for 2005 is \$297,777,000, including \$42,280,000 for projects, which are expected to be funded by federal grants and programs. Significant projects included in property, plant and equipment in progress as of December 31, 2004 include the following:

Southeast Louisiana Flood Control Program Sewer System Sanitation Evaluation and Rehabilitation Program Drainage Pumping Station #1 Eastbank Sewer Treatment Plant Westbank Sewer Treatment Plant

# 2003 Capital Assets

As of December 31, 2003, the Board had invested approximately \$1.7 billion in capital assets. Net of accumulated depreciation, the Board's net capital assets at December 31, 2003 totaled approximately \$1.2 billion. This amount represents a net increase (including additions and disposals, net of depreciation) of approximately \$95.4 million or 8.7% over December 31, 2002.

At December 31, 2003, the Board's budget for its five-year capital improvements program totaled \$1.6 billion including \$484,608,000 for water, \$528,756,000 for sewerage and \$586,568,000 for drainage. Due to certain regulatory and legislative changes, additional capital improvements will probably be required. Future capital improvement program expenditures may require the issuance of additional debt depending on the amount and timing of expenditures. As of December 31, 2003, the Board has committed or appropriated \$90,480,565 in investments for use in future capital projects and has \$229,267,999 of bond proceeds remaining for construction. The capital project investments are included in restricted assets.

The capital improvements budget for 2004 is \$332,881,000, including \$97,606,000 in projects, which is to fund the federal grants and programs. The Board continues significant construction projects in its water, sewerage, and drainage systems as follows:

Southeast Louisiana Flood Control Program Sewer System Sanitation Evaluation and Rehabilitation Program Drainage Pumping Station #1 Eastbank Sewer Treatment Plant Westbank Sewer Treatment Plant

# 2004 Debt Administration

The Board continues to make its regularly scheduled payments on its bonds. During 2004, \$170,000,000 in new bonds were issued by the Board. Net proceeds of the bond issues are to be used for sewerage construction and to refund \$111,800,000 of bond anticipation notes from 2003. During 2004, \$121,015,000 in principal payments were made.

All bond debt covenants have been met.

Additional detailed information relating to capital assets and debt is presented in the financial statements and related notes.

# 2003 Debt Administration

The Board continues to make its regularly scheduled payments on its bonds. During 2003, \$117,300,000 in new bonds were issued by the Board. Net proceeds of the bond issues are to be used for sewerage construction. During 2003, \$9,370,000 in principal payments were made.

All bond debt covenants have been met.

Additional detailed information relating to capital assets and debt is presented in the financial statements and related notes.

# 2004 ECONOMIC FACTORS AND RATES

The Board's authority to implement multiple year annual rate increases of 15% for 2004 and 14% in 2005 and 2006 continued.

# 2003 ECONOMIC FACTORS AND RATES

The Board received authority to implement multiple year annual rate increases of 15% for 2003 and 2004 and 14% in 2005 and 2006.

# CONTACTING THE BOARD'S FINANCIAL MANAGEMENT

This financial report is designed to provide our bondholders, patrons, and other interested parties with a general overview of the Board's finances and to demonstrate the Board's accountability for the money it receives. If you have questions about this report or need additional financial information, contact the Sewerage & Water Board of New Orleans at (504) 585-2356.

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# BASIC FINANCIAL STATEMENTS

## STATEMENTS OF NET ASSETS

#### December 31, 2004 and 2003

ASSETS Property, plant and equipment Less: accumulated depreciation Property, plant and equipment, net Restricted assets: Capital projects Construction funds Debt service reserve Customer deposits Health insurance reserve Debt service Other Total restricted assets	\$ 1,826,416,136 546,973,223 1,279,442,913 85,776,891 225,529,144 222,254,068 5,336,338 9,000,000 9,004,326 212,000	\$ 1,704,811,274 512,228,920 1,192,582,354 90,480,565 219,267,999 19,824,037 5,186,628 9,000,000
Less: accumulated depreciation Property, plant and equipment, net Restricted assets: Capital projects Construction funds Debt service reserve Customer deposits Health insurance reserve Debt service Other	546,973,223 1,279,442,913 85,776,891 225,529,144 22,254,068 5,336,338 9,000,000 9,004,326	512,228,920 1,192,582,354 90,480,565 219,267,999 19,824,037 5,186,628 9,000,000
Property, plant and equipment, net Restricted assets: Capital projects Construction funds Debt service reserve Customer deposits Health insurance reserve Debt service Other	1,279,442,913 85,776,891 225,529,144 22,254,068 5,336,338 9,000,000 9,004,326	1,192,582,354 90,480,565 219,267,999 19,824,037 5,186,628 9,000,000
Restricted assets: Capital projects Construction funds Debt service reserve Customer deposits Health insurance reserve Debt service Other	85,776,891 225,529,144 22,254,068 5,336,338 9,000,000 9,004,326	90,480,565 219,267,999 19,824,037 5,186,628 9,000,000
Capital projects Construction funds Debt service reserve Customer deposits Health insurance reserve Debt service Other	225,529,144 22,254,068 5,336,338 9,000,000 9,004,326	219,267,999 19,824,037 5,186,628 9,000,000
Construction funds Debt service reserve Customer deposits Health insurance reserve Debt service Other	225,529,144 22,254,068 5,336,338 9,000,000 9,004,326	219,267,999 19,824,037 5,186,628 9,000,000
Debt service reserve Customer deposits Health insurance reserve Debt service Other	22,254,068 5,336,338 9,000,000 9,004,326	19,824,037 5,186,628 9,000,000
Customer deposits Health insurance reserve Debt service Other	5,336,338 9,000,000 9,004,326	5,186,628 9,000,000
Health insurance reserve Debt service Other	9,000,000 9,004,326	9,000,000
Debt service Other	9,004,326	
Other		
-	212.000	6,740,114
Total restricted assets	212,000	212,000
	357,112,767	350,711,343
Current assets:		
Cash	3,043,854	1,405,154
Accounts receivable:		
Customers (net of allowance for doubtful accounts)	13,188,408	12,285,642
Taxes	4,737,807	4,831,236
Interest	418,576	193,415
Grants	235,091	1,005,845
Miscellaneous	1,542,155	2,343,678
Due from City of New Orleans, current	200,000	200,000
Due from other fund	-	-
Inventory of supplies	9,109,830	7,901,406
Prepaid expenses	630,543	613,522
Total current assets	33,106,264	30,779,898
Due from City of New Orleans, less current portion	546,229	673,228
Other assets:		
Bond issue costs	1,666,907	1,662,463
Deposits	51,315	51,315
Net pension asset	4,679,641	6,130,718
Total other assets	6,397,863	7,844,496

Total assets	\$ 1,676,606,036	\$ 1,582,591,319

(Continued)

#### STATEMENTS OF NET ASSETS (Continued)

	2004	2003
NET ASSETS AND LIABILITIES		
Net Assets:		
Invested in capital assets - net of related debt	\$ 1,085,354,440	\$ 1,041,213,409
invested in cupital assess net of related debt	ф 1,000,001,110	<u> </u>
Restricted For:		
Debt service	28,817,876	25,349,292
Capital projects	65,900,450	70,994,095
Total restricted for net assets	94,718,326	96,343,387
Total net assets	1,180,072,766	1,137,556,796
Liabilities:		
Long-term liabilities:		
Claims payable	8,660,268	11,628,462
Bonds payable (net of current maturities)	270,900,066	249,028,891
	279,560,334	260,657,353
Current liabilities (payable from current assets):	20.760.220	10 222 005
Accounts payable Due to City of New Orleans	20,760,229 259,462	18,322,885 205,928
Retainers and estimates payable	1,474,713	458,465
Due to pension trust fund	60,994	438,403 34,458
Accrued salaries	674,661	378,954
Accrued vacation and sick pay	9,869,659	9,829,380
Claims payable	22,940,327	23,233,111
Other liabilities	13,158	11,570
	56,053,203	52,474,751
Current liabilities (payable from restricted assets):		
Accrued interest	2,440,517	1,214,859
Bonds payable	148,717,551	121,608,053
Retainers and estimates payable	4,425,327	3,892,879
Customer deposits	5,336,338	5,186,628
	160,919,733	131,902,419
		, <u>, , , , , , , , , , , , , , , , </u>
Total current liabilities	216,972,936	184,377,170
Total liabilities	496,533,270	445,034,523
Total net assets and liabilities	\$ 1,676,606,036	\$ 1,582,591,319

# STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS

#### For the years ended December 31, 2004 and 2003

Operating revenues:         S $54,234,144$ $5$ $54,997,831$ Sewerage service charges $72,252,114$ $62,328,695$ Plumbing inspection and license fees $3,343,868$ $2,095,805$ Total operating revenues $130,063,273$ $119,637,973$ Operating Expenses: $22,334,434$ $19,339,095$ Power and pumping $22,334,434$ $19,339,095$ Treatment $17,131,922$ $17,075,547$ Transmission and distribution $20,846,681$ $20,324,308$ Customer accounts $2,625,751$ $2,513,486$ Customer service $2,885,631$ $2,821,025$ Administration and general $14,978,964$ $12,534,252$ Payroll related $18,794,864$ $16,697,287$ Maintenance of general plant $10,766,556$ $108,609,228$ $35,480,955$ Amorization $295,156$ $188,128$ Provision for claims $2,718,176$ $1,884,751$ Provision for claims $2,192,579$ $11,031,057$ $12,352,092$ $11,169,139$ Non-operating revenues:		2004	2003
Sales of water and delinquent fees         \$ 54,234,144         \$ 54,997,831           Sewerage service charges         72,252,114         62,328,695           Plumbing inspection and license fees         233,147         215,642           Other revenue         3,343,868         2,095,805           Total operating revenues         130,063,273         119,637,973           Operating Expenses:         22,334,434         19,339,095           Power and pumping         22,334,434         19,339,095           Treatment         17,131,922         17,075,547           Transmission and distribution         20,846,681         20,324,308           Customer accounts         2,625,751         2,513,486           Customer service         2,855,631         2,821,025           Administration and general         14,978,964         12,534,252           Payroll related         18,794,864         16,667,287           Maintenance of general plant         10,764,556         10,563,936           Depreciation         38,600,928         35,480,955           Amortization         295,156         188,128           Provision for claims         2,718,176         1,844,751           Provenull ax         5,192         7,423           Three-mil	Operating revenues:		
Sewerage service charges         72,252,114         62,328,695           Plumbing inspection and license fees         233,147         215,642           Other revenue         3,343,868         2,095,805           Total operating revenues         130,063,273         119,637,973           Operating Expenses:         9         9         22,334,434         19,339,095           Treatment         17,131,922         17,075,547         17,075,547           Transmission and distribution         20,846,681         20,324,308         Customer accounts         2,625,751         2,513,486           Customer accounts         2,625,751         2,513,486         12,634,252         Administration and general         14,978,964         12,534,252           Payroll related         18,794,864         16,667,287         Maintenance of general plant         10,764,556         10,563,936           Depreciation         38,600,928         35,480,955         Amorization         295,156         188,128           Provision for doubtful accounts         2,718,176         1,88,1751         13,095,962         Operating lexpenses         (24,770,684)         (23,457,989)           Non-operating revenues:         1         12,352,092         11,169,139         Nine-mill tax         12,352,092         11,169,139	· · ·	\$ 54,234,144	\$ 54.997.831
Plumbing inspection and license fees         233,147         215,642           Other revenue $3,343,868$ $2,095,805$ Total operating revenues $130,063,273$ $119,637,973$ Operating Expenses:         Power and pumping $22,334,434$ $19,339,095$ Treatment $17,131,922$ $17,075,547$ Transmission and distribution $20,846,681$ $20,324,308$ Customer accounts $2,625,751$ $2,213,486$ Customer service $2.855,631$ $2.821,025$ Administration and general $14,978,964$ $12,534,252$ Payroll related $18,794,864$ $16,667,287$ Maintenance of general plant $0,764,556$ $0.563,936$ Depreciation $38,600,928$ $35,480,955$ Amortization $295,156$ $188,128$ Provision for claims $2,718,176$ $1,884,751$ Provision for claims $2,826,894$ $3,673,192$ Operating loss $(24,770,684)$ $(23,457,989)$ Non-operating revenues: $130,057$ $11,031,057$ Tixe-mill tax <td< td=""><td>-</td><td></td><td></td></td<>	-		
Other revenue $3,343,868$ $2.095,805$ Total operating revenues $130,063,273$ $119,637,973$ Operating Expenses: $22,334,434$ $19,339,095$ Power and pumping $22,334,434$ $19,339,095$ Treatment $17,131,922$ $17,075,547$ Transmission and distribution $20,846,681$ $20,324,308$ Customer accounts $2,625,751$ $2,513,486$ Customer service $2,885,631$ $2,821,025$ Administration and general $14,978,964$ $12,534,252$ Payroll related $18,794,864$ $16,697,287$ Maintenance of general plant $10,764,556$ $10,563,936$ Depreciation $38,600,928$ $35,480,955$ Amorization $295,156$ $188,128$ Provision for doubtful accounts $2,718,176$ $1,884,751$ Provision for claims $2,886,894$ $3,673,192$ Operating loss $(24,770,684)$ $(23,457,989)$ Non-operating revenues: $154,833,957$ $143,095,962$ Three-mill tax $5,192$			
Operating Expenses:         Power and pumping         22,334,434         19,339,095           Treatment         17,131,922         17,075,547           Transmission and distribution         20,846,681         20,324,308           Customer accounts         2,625,751         2,513,486           Customer service         2,855,631         2,821,025           Administration and general         14,978,964         12,534,252           Payroll related         18,794,864         16,667,287           Maintenance of general plant         10,764,556         10,563,936           Depreciation         38,600,928         35,480,955           Amortization         295,156         188,128           Provision for doubtful accounts         2,718,176         1.884,751           Provision for claims         2,886,894         3,673,192           Total operating expenses         154,833,957         143,095,962           Operating loss         (24,770,684)         (23,457,989)           Non-operating revenues:         12,352,092         11,169,139           Three-mill tax         12,352,092         11,169,139           Nine-mill tax         18,508,104         16,735,885           Other taxes         744,322         770,663		,	
Power and pumping $22,334,434$ $19,339,095$ Treatment $17,131,922$ $17,075,547$ Transmission and distribution $20,846,681$ $20,324,308$ Customer accounts $2,625,751$ $2,513,486$ Customer service $2,855,631$ $2,821,025$ Administration and general $14,978,964$ $12,534,252$ Payroll related $18,794,864$ $16,697,287$ Maintenance of general plant $10,764,556$ $10,563,936$ Depreciation $38,600,928$ $35,480,955$ Amortization $295,156$ $188,128$ Provision for doubtful accounts $2,718,176$ $1,884,751$ Provision for claims $2,886,894$ $3,673,192$ Total operating expenses $154,833,957$ $143,095,962$ Operating loss $(24,770,684)$ $(23,457,989)$ Non-operating revenues: $12,352,092$ $11,169,139$ Nine-mill tax $12,199,559$ $11,031,057$ Six-mill tax $12,352,425$ $1,031,057$ Other taxes $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $20,391,010$ $17,287,771$ Capital contributions $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets:Beginning of year $1,137,556,796$ $1,067,214,369$	Total operating revenues	130,063,273	119,637,973
Treatment17,131,92217,075,547Transmission and distribution20,846,68120,324,308Customer accounts2,625,7512,513,486Customer service2,855,6312,821,025Administration and general14,978,96412,534,252Payroll related18,794,86416,697,287Maintenance of general plant10,764,55610,563,936Depreciation38,600,92835,480,955Amortization295,156188,128Provision for doubtful accounts2,718,1761,884,751Provision for claims2,886,8943,673,192Total operating expenses154,833,957143,095,962Operating revenues:27,423Three-mill tax12,199,55911,031,057Six-mill tax12,199,55911,031,057Nine-mill tax13,352,4251,031,057Nine-mill tax13,352,4251,031,057Six-mill tax13,352,4251,031,593Investment income1,352,4251,031,593Total non-operating revenues20,391,01017,287,771Capital contributions20,391,01017,287,771Capital contributions22,124,96053,054,656Change in net assets42,515,97070,342,427Net assets:842,515,97070,342,427Net assets:81,137,556,7961,067,214,369	Operating Expenses:		
Transmission and distribution         20,846,681         20,324,308           Customer accounts         2,625,751         2,513,486           Customer service         2,855,631         2,821,025           Administration and general         14,978,964         12,534,252           Payroll related         18,794,864         16,697,287           Maintenance of general plant         10,764,556         10,563,936           Depreciation         38,600,928         35,480,955           Amortization         295,156         188,128           Provision for doubtful accounts         2,718,176         1,884,751           Provision for claims         2,886,894         3,673,192           Total operating expenses         154,833,957         143,095,962           Operating loss         (24,770,684)         (23,457,989)           Non-operating revenues:         Two-mill tax         12,199,559         11,031,057           Six-mill tax         12,199,559         11,031,057         143,095,962           Other taxes         744,322         770,663         10,67,31885           Other taxes         744,322         770,663         10,67,31,593           Total non-operating revenues         20,391,010         17,287,771           Capital contri	Power and pumping	22,334,434	19,339,095
Customer accounts $2,625,751$ $2,513,486$ Customer service $2,855,631$ $2,821,025$ Administration and general $14,978,964$ $12,534,252$ Payroll related $18,794,864$ $16,697,287$ Maintenance of general plant $10,764,556$ $10,563,936$ Depreciation $38,600,928$ $35,480,955$ Amortization $295,156$ $188,128$ Provision for doubful accounts $2,718,176$ $1,884,751$ Provision for claims $2,886,894$ $3,673,192$ Total operating expenses $154,833,957$ $143,095,962$ Operating loss $(24,770,684)$ $(23,457,989)$ Non-operating revenues:Two-mill tax $12,199,559$ $11,031,057$ Six-mill tax $12,199,559$ $11,031,057$ Six-mill tax $13,52,425$ $1,031,593$ Total non-operating revenues $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $45,161,694$ $40,745,760$ Income before capital contributions $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets:Beginning of year $1,137,556,796$ $1,067,214,369$	Treatment	17,131,922	17,075,547
Customer service $2,855,631$ $2,821,025$ Administration and general $14,978,964$ $12,534,252$ Payroll related $18,794,864$ $16,697,287$ Maintenance of general plant $10,764,556$ $10,563,936$ Depreciation $38,600,928$ $35,480,955$ Amortization $295,156$ $188,128$ Provision for doubtful accounts $2,718,176$ $1,884,751$ Provision for claims $2,886,894$ $3,673,192$ Total operating expenses $154,833,957$ $143,095,962$ Operating loss $(24,770,684)$ $(23,457,989)$ Non-operating revenues: $12,199,559$ $11,031,057$ Two-mill tax $12,199,559$ $11,031,057$ Six-mill tax $12,352,092$ $11,169,139$ Nine-mill tax $13,52,425$ $1,031,593$ Total non-operating revenues $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $20,391,010$ $17,287,771$ Capital contributions $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets:Beginning of year $1,137,556,796$ $1,067,214,369$	Transmission and distribution	20,846,681	20,324,308
Administration and general $14,978,964$ $12,534,252$ Payroll related $18,794,864$ $16,697,287$ Maintenance of general plant $10,764,556$ $10,563,936$ Depreciation $38,600,928$ $35,480,955$ Amortization $295,156$ $188,128$ Provision for doubtful accounts $2,718,176$ $1,884,751$ Provision for claims $2,886,894$ $3,673,192$ Total operating expenses $154,833,957$ $143,095,962$ Operating loss $(24,770,684)$ $(23,457,989)$ Non-operating revenues: $12,199,559$ $11,031,057$ Six-mill tax $12,199,559$ $11,031,057$ Six-mill tax $12,352,092$ $11,169,139$ Nine-mill tax $1,352,425$ $1,031,593$ Other taxes $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $45,161,694$ $40,745,760$ Income before capital contributions $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets:Beginning of year $1,137,556,796$ $1,067,214,369$	Customer accounts	2,625,751	2,513,486
Payroll related $18,794,864$ $16,697,287$ Maintenance of general plant $10,764,556$ $10,563,936$ Depreciation $38,600,928$ $35,480,955$ Amortization $295,156$ $188,128$ Provision for doubtful accounts $2,718,176$ $1,884,751$ Provision for claims $2,886,894$ $3,673,192$ Total operating expenses $154,833,957$ $143,095,962$ Operating loss $(24,770,684)$ $(23,457,989)$ Non-operating revenues: $12,199,559$ $11,031,057$ Six-mill tax $12,352,092$ $11,169,139$ Nine-mill tax $13,52,425$ $1,031,057$ Six-mill tax $13,52,425$ $1,031,593$ Total non-operating revenues $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets:Beginning of year $1,137,556,796$ $1,067,214,369$	Customer service	2,855,631	2,821,025
Maintenance of general plant $10,764,556$ $10,563,936$ Depreciation $38,600,928$ $35,480,955$ Amortization $295,156$ $188,128$ Provision for doubtful accounts $2,718,176$ $1,884,751$ Provision for claims $2,886,894$ $3,673,192$ Total operating expenses $154,833,957$ $143,095,962$ Operating loss $(24,770,684)$ $(23,457,989)$ Non-operating revenues: $7,423$ Three-mill tax $5,192$ $7,423$ Three-mill tax $12,199,559$ $11,031,057$ Six-mill tax $12,352,092$ $11,169,139$ Nine-mill tax $18,508,104$ $16,735,885$ Other taxes $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $45,161,694$ $40,745,760$ Income before capital contributions $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets:Beginning of year $1,137,556,796$ $1,067,214,369$	Administration and general	14,978,964	12,534,252
Depreciation $38,600,928$ $35,480,955$ Amortization $295,156$ $188,128$ Provision for doubtful accounts $2,718,176$ $1,884,751$ Provision for claims $2,886,894$ $3,673,192$ Total operating expenses $154,833,957$ $143,095,962$ Operating loss $(24,770,684)$ $(23,457,989)$ Non-operating revenues: $12,199,559$ $11,031,057$ Two-mill tax $5,192$ $7,423$ Three-mill tax $12,199,559$ $11,031,057$ Six-mill tax $12,352,092$ $11,169,139$ Nine-mill tax $13,508,104$ $16,735,885$ Other taxes $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $45,161,694$ $40,745,760$ Income before capital contributions $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets:Beginning of year $1,137,556,796$ $1,067,214,369$	Payroll related	18,794,864	16,697,287
Amortization $295,156$ $188,128$ Provision for doubtful accounts $2,718,176$ $1,884,751$ Provision for claims $2,886,894$ $3,673,192$ Total operating expenses $154,833,957$ $143,095,962$ Operating loss $(24,770,684)$ $(23,457,989)$ Non-operating revenues: $7,192$ $7,423$ Three-mill tax $5,192$ $7,423$ Three-mill tax $12,199,559$ $11,031,057$ Six-mill tax $12,352,092$ $11,169,139$ Nine-mill tax $18,508,104$ $16,735,885$ Other taxes $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $45,161,694$ $40,745,760$ Income before capital contributions $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets:Beginning of year $1,137,556,796$ $1,067,214,369$	Maintenance of general plant	10,764,556	10,563,936
Provision for doubtful accounts $2,718,176$ $1,884,751$ Provision for claims $2,886,894$ $3,673,192$ Total operating expenses $154,833,957$ $143,095,962$ Operating loss $(24,770,684)$ $(23,457,989)$ Non-operating revenues: $(24,770,684)$ $(23,457,989)$ Two-mill tax $5,192$ $7,423$ Three-mill tax $12,199,559$ $11,031,057$ Six-mill tax $12,352,092$ $11,169,139$ Nine-mill tax $18,508,104$ $16,735,885$ Other taxes $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $45,161,694$ $40,745,760$ Income before capital contributions $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets:Beginning of year $1,137,556,796$ $1,067,214,369$	Depreciation	38,600,928	35,480,955
Provision for claims       2,886,894       3,673,192         Total operating expenses       154,833,957       143,095,962         Operating loss       (24,770,684)       (23,457,989)         Non-operating revenues:       (24,770,684)       (23,457,989)         Two-mill tax       5,192       7,423         Three-mill tax       12,199,559       11,031,057         Six-mill tax       12,352,092       11,169,139         Nine-mill tax       18,508,104       16,735,885         Other taxes       744,322       770,663         Investment income       1,352,425       1,031,593         Total non-operating revenues       45,161,694       40,745,760         Income before capital contributions       20,391,010       17,287,771         Capital contributions       22,124,960       53,054,656         Change in net assets       42,515,970       70,342,427         Net assets:       Beginning of year       1,137,556,796       1,067,214,369	Amortization	295,156	188,128
Total operating expenses $154,833,957$ $143,095,962$ Operating loss $(24,770,684)$ $(23,457,989)$ Non-operating revenues: $(24,770,684)$ $(23,457,989)$ Two-mill tax $5,192$ $7,423$ Three-mill tax $12,199,559$ $11,031,057$ Six-mill tax $12,352,092$ $11,169,139$ Nine-mill tax $18,508,104$ $16,735,885$ Other taxes $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $45,161,694$ $40,745,760$ Income before capital contributions $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets: $Beginning$ of year $1,137,556,796$ $1,067,214,369$	Provision for doubtful accounts	2,718,176	1,884,751
Operating loss         (24,770,684)         (23,457,989)           Non-operating revenues:         5,192         7,423           Three-mill tax         12,199,559         11,031,057           Six-mill tax         12,352,092         11,169,139           Nine-mill tax         18,508,104         16,735,885           Other taxes         744,322         770,663           Investment income         1,352,425         1,031,593           Total non-operating revenues         45,161,694         40,745,760           Income before capital contributions         20,391,010         17,287,771           Capital contributions         22,124,960         53,054,656           Change in net assets         42,515,970         70,342,427           Net assets:         8eginning of year         1,137,556,796         1,067,214,369	Provision for claims	2,886,894	3,673,192
Non-operating revenues:7,423Two-mill tax $5,192$ $7,423$ Three-mill tax $12,199,559$ $11,031,057$ Six-mill tax $12,352,092$ $11,169,139$ Nine-mill tax $18,508,104$ $16,735,885$ Other taxes $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $45,161,694$ $40,745,760$ Income before capital contributions $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets:Beginning of year $1,137,556,796$ $1,067,214,369$	Total operating expenses	154,833,957	143,095,962
Two-mill tax $5,192$ $7,423$ Three-mill tax $12,199,559$ $11,031,057$ Six-mill tax $12,352,092$ $11,169,139$ Nine-mill tax $18,508,104$ $16,735,885$ Other taxes $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $45,161,694$ $40,745,760$ Income before capital contributions $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets:Beginning of year $1,137,556,796$ $1,067,214,369$	Operating loss	(24,770,684)	(23,457,989)
Two-mill tax $5,192$ $7,423$ Three-mill tax $12,199,559$ $11,031,057$ Six-mill tax $12,352,092$ $11,169,139$ Nine-mill tax $18,508,104$ $16,735,885$ Other taxes $744,322$ $770,663$ Investment income $1,352,425$ $1,031,593$ Total non-operating revenues $45,161,694$ $40,745,760$ Income before capital contributions $20,391,010$ $17,287,771$ Capital contributions $22,124,960$ $53,054,656$ Change in net assets $42,515,970$ $70,342,427$ Net assets:Beginning of year $1,137,556,796$ $1,067,214,369$	Non-operating revenues:		
Six-mill tax       12,352,092       11,169,139         Nine-mill tax       18,508,104       16,735,885         Other taxes       744,322       770,663         Investment income       1,352,425       1,031,593         Total non-operating revenues       45,161,694       40,745,760         Income before capital contributions       20,391,010       17,287,771         Capital contributions       22,124,960       53,054,656         Change in net assets       42,515,970       70,342,427         Net assets:       8eginning of year       1,137,556,796       1,067,214,369	· ·	5,192	7,423
Nine-mill tax       18,508,104       16,735,885         Other taxes       744,322       770,663         Investment income       1,352,425       1,031,593         Total non-operating revenues       45,161,694       40,745,760         Income before capital contributions       20,391,010       17,287,771         Capital contributions       22,124,960       53,054,656         Change in net assets       42,515,970       70,342,427         Net assets:       8eginning of year       1,137,556,796       1,067,214,369	Three-mill tax	12,199,559	11,031,057
Other taxes       744,322       770,663         Investment income       1,352,425       1,031,593         Total non-operating revenues       45,161,694       40,745,760         Income before capital contributions       20,391,010       17,287,771         Capital contributions       22,124,960       53,054,656         Change in net assets       42,515,970       70,342,427         Net assets:       1,137,556,796       1,067,214,369	Six-mill tax	12,352,092	11,169,139
Investment income       1,352,425       1,031,593         Total non-operating revenues       45,161,694       40,745,760         Income before capital contributions       20,391,010       17,287,771         Capital contributions       22,124,960       53,054,656         Change in net assets       42,515,970       70,342,427         Net assets:       1,137,556,796       1,067,214,369	Nine-mill tax	18,508,104	16,735,885
Total non-operating revenues         45,161,694         40,745,760           Income before capital contributions         20,391,010         17,287,771           Capital contributions         22,124,960         53,054,656           Change in net assets         42,515,970         70,342,427           Net assets:         Beginning of year         1,137,556,796         1,067,214,369	Other taxes	744,322	770,663
Income before capital contributions         20,391,010         17,287,771           Capital contributions         22,124,960         53,054,656           Change in net assets         42,515,970         70,342,427           Net assets:         Beginning of year         1,137,556,796         1,067,214,369	Investment income	1,352,425	1,031,593
Capital contributions       22,124,960       53,054,656         Change in net assets       42,515,970       70,342,427         Net assets:       Beginning of year       1,137,556,796       1,067,214,369	Total non-operating revenues	45,161,694	40,745,760
Change in net assets       42,515,970       70,342,427         Net assets:       Beginning of year       1,137,556,796       1,067,214,369	Income before capital contributions	20,391,010	17,287,771
Net assets:         1,137,556,796         1,067,214,369	Capital contributions	22,124,960	53,054,656
Beginning of year         1,137,556,796         1,067,214,369	Change in net assets	42,515,970	70,342,427
	Net assets:		
End of year \$ 1,180,072,766 \$ 1,137,556,796		1,137,556,796	1,067,214,369
	End of year	\$ 1,180,072,766	\$ 1,137,556,796

#### STATEMENTS OF CASH FLOWS

#### ENTERPRISE FUND

# For the years ended December 31, 2004 and 2003

	2004	2003
Cash flows from operating activities		
Cash received from customers	\$ 122,918,850	\$ 114,132,080
Cash payments to suppliers for goods and services	(57,763,832)	(53,684,252)
Cash payments to employees for services	(55,562,758)	(52,509,304)
Other revenue	4,378,538	783,213
Net cash provided by operating activities	13,970,798	8,721,737
Cash flows from noncapital financing		
activities - proceeds from property taxes	43,902,698	38,826,523
Cash flows from capital and related financing activities		
Acquisition and construction of capital assets	(112,845,073)	(119,965,622)
Proceeds of bond issue	171,402,786	117,977,602
Bond issuance costs	(299,600)	(257,557)
Principal payments on bonds payable	(121,015,000)	(9,370,000)
Interest paid on bonds payable	(14,491,864)	(13,047,991)
Capital contributed by developers and federal grants	22,895,714	53,014,362
Net cash provided by capital and related financing activities	(54,353,037)	28,350,794
Cash flows from investing activities		
Payments for purchase of investments	(1,714,722,567)	(762,346,797)
Proceeds from maturities of investments	1,712,625,222	738,653,576
Investment income	4,369,955	3,136,592
Net cash used in investing activities	2,272,610	(20,556,629)
Net increase in cash	5,793,069	55,342,425
Cash at the beginning of the year	113,270,776	57,928,351
Cash at the end of the year	\$ 119,063,845	\$ 113,270,776
Reconciliation of cash and restricted cash (note 2)		
Current assets - cash	\$ 3,043,854	\$ 1,405,154
Restricted assets -cash	116,019,991	111,865,622
Total cash	\$ 119,063,845	\$ 113,270,776

(Continued)

#### STATEMENTS OF CASH FLOWS

(Continued)

#### ENTERPRISE FUND

#### For the years ended December 31, 2004 and 2003

	 2004	 2003
Reconciliation of operating loss to net cash provided by		
operating activities is as follows:		
Operating loss	\$ (24,770,684)	\$ (23,457,989)
Adjustments to reconcile net operating loss to net cash		
provided by operating activities:		
Depreciation	38,600,928	35,480,955
Provision for claims	2,886,894	3,673,192
Provision for doubtful accounts	2,718,176	1,884,751
Amortization	295,156	188,128
Change in operating assets and liabilities:		
Increase in customer and other receivable	(3,620,942)	(3,374,716)
(Increase) decrease in inventory	(1,208,424)	(1,331,213)
Increase (decrease) in prepaid expenses		
and other receivables	911,501	(1,294,525)
Decrease in net pension asset	1,451,077	200,837
Increase (decrease) in accounts payable	2,437,344	3,836,903
Decrease in accrued salaries, due to pension		
and accrued vacation and sick pay	362,522	(800,746)
Decrease in other liabilities	 (6,092,750)	 (6,283,840)
Net cash provided by operating activities	\$ 13,970,798	\$ 8,721,737

Noncash investing, capital and financing activities:

The acquisition and construction of capital assets and capital contributed by developers and federal grants do not include non-cash amounts resulting from the construction by the U.S. Corps of Engineers of \$17,872,855 and \$43,409,115 in drainage projects during the years ended December 31, 2004 and 2003, respectively.

# STATEMENTS OF PLAN NET ASSETS

## PENSION TRUST FUND

# December 31, 2004 and 2003

	 2004	2003		
Assets:				
Cash	\$ 242,764	\$	237,431	
Receivables:				
Investment income	979,923		827,861	
Employee contributions receivable	21,757		12,417	
Due from other fund	60,994		34,458	
Investments	 201,549,735		186,283,691	
Total assets	 202,855,173		187,395,858	
Liabilities:				
DROP participants payable	 4,571,050		3,279,115	
Total liabilities	 4,571,050		3,279,115	
Plan net assets available for pension benefits	\$ 198,284,123	\$	184,116,743	

# STATEMENTS OF CHANGES IN PLAN NET ASSETS

# PENSION TRUST FUND

# For the years ended December 31, 2004 and 2003

	2004	2003
Additions:		
Contributions:		
Employee contributions	\$ 1,120,776	\$ 1,097,183
Employer contributions	3,103,146	2,694,633
City annuity and other transfers in	617,888	696,904
Total contributions	4,841,810	4,488,720
Investment income:		
Interest income	3,461,162	3,406,466
Dividend income	1,886,416	1,691,132
Net appreciation	14,133,537	31,211,175
	19,481,115	36,308,773
Less investment expense	(65,463)	(229,959)
Net investment income	19,415,652	36,078,814
Total additions	24,257,462	40,567,534
Deductions:		
Benefits	(7,946,658)	(8,590,242)
Employee refunds	(116,254)	(202,565)
Employee contributions to DROP	(2,027,170)	(1,475,460)
Total deductions	(10,090,082)	(10,268,267)
Change in plan net assets	14,167,380	30,299,267
Plan net assets at beginning of year	184,116,743	153,817,476
Plan net assets at end of year	\$ 198,284,123	\$ 184,116,743

NOTES TO BASIC FINANCIAL STATEMENTS (This page intentionally left blank)

# NOTES TO FINANCIAL STATEMENTS

## (1) <u>Summary of Significant Accounting Policies</u>

#### History and Organization

The major operation of the Sewerage and Water Board of New Orleans (the Board) is providing water, sewerage and drainage services for the City of New Orleans (City). The Sewerage and Water Board of New Orleans was created by Act 6 of the Louisiana Legislature of 1899 as a special board independent of the City's government to construct, maintain and operate a water treatment and distribution system and a public sanitary sewerage system for the City. In 1903, the Legislature gave the Board control of and responsibility for the City's major drainage system and relieved the City of the duty of providing in its annual operating budget or otherwise for the maintenance and operations of the water, sewerage and drainage systems.

In accordance with the Louisiana Revised Statutes (LRS) 33:4096 and 4121, the Board has the authority to establish the water and sewerage rates to charge to its customers. The rates are based on the actual water consumed and on the costs of maintenance and operation of the water and sewerage systems, including the costs of improvements and replacements. The collections of water and sewerage revenues are to be used by the Board for the maintenance and operation of the systems, the cost of improvements, betterments, and replacements, and to provide for the payments of interest and principal on the bonds payable. The Board has also been given the authority to levy and collect various tax millages which are used for the operation and maintenance of the drainage operations. All excess revenues collected are made available for capital development of the system. The proceeds of the rate collections and tax millages are invested in such investments as authorized by the LRS. These investments are reflected in the combined statement of net assets, as "restricted assets," as they are restricted to the purposes as described above.

The Board is composed of thirteen members, including the Mayor of the City, the two Councilmembers-at-Large, and one District Councilmember selected by the City Council, two members of the Board of Liquidation and seven citizens appointed by the Mayor. The appointed members of the Board serve staggered nine year terms.

The Board's accounting policies conform to accounting principles generally accepted in the United States of America as applicable to utilities and to governmental units. The following is a summary of the more significant policies.

(A) <u>Reporting Entity</u>

In conformity with the Governmental Accounting Standards Board's definition of a reporting entity, the Board includes an enterprise fund and a pension trust fund for financial reporting purposes. The Board is considered a reporting entity based on the following criteria:

(a) Responsibility for surpluses/deficits. The Board is solely responsible for its surpluses/deficits. In accordance with Louisiana Revised Statutes, no other governmental unit is responsible for the Board's deficits or has a claim to its surpluses. The Board's operations are self-sustaining; revenues are generated through charges to customers and dedicated property taxes. Other than grants, no funding is received from the State of Louisiana or the City of New Orleans.

# NOTES TO FINANCIAL STATEMENTS (Continued)

#### (1) Summary of Significant Accounting Policies (continued)

- (b) Budget Approval. The Board is solely responsible for reviewing, approving and revising its budget.
- (c) Responsibility for Debt. The Louisiana Revised Statutes authorize the Board to issue bonds; such bonds must bear on their face a statement that they do not constitute a debt of the City. The Board is solely responsible for payments to the bondholders. No other governmental unit is required by statute to make any payments to bondholders nor have any payments to bondholders ever been made by any governmental unit, except the Board.
- (d) Designation of Management. The Board controls the hiring of management and employees.
- (e) Special Financial Relationship. The Board has no special financial relationships with any other governmental unit.
- (f) Statutory Authority. The Board's statutory authority was created by the State of Louisiana as an independent governmental unit. Only an amendment to state statutes can change or abolish the Board's authority.

The Board is a stand-alone entity as defined by Governmental Accounting Standards Board Statement 14, *The Financial Reporting Entity*. The Board is a legally-separate governmental organization that does not have a separately elected governing body and does not meet the definition of a component unit. As a result of a Louisiana Supreme Court decision on March 21, 1994, the Board was declared to be an autonomous or self-governing legal entity, legally independent of the city, state and other governments, created and organized pursuant to Louisiana Revised Statutes 33:4071 as a board, separate and independent of the government can mandate actions of the Board nor impose specific financial burdens. The Board is fiscally independent to operate under its bond covenant and the provisions of Louisiana Revised Statute provisions.

The City of New Orleans includes the Board as a component unit in the City's financial statements.

#### (B) <u>Basis of Financial Statement Presentation</u>

The Board's basic financial statements consist of the government-wide statements which include the proprietary fund (the enterprise fund) and the fund financial statements which includes the fiduciary fund (the pension trust fund). The operations of the Board are accounted for in the following fund types:

# NOTES TO FINANCIAL STATEMENTS (Continued)

#### (1) <u>Summary of Significant Accounting Policies (continued)</u>

## Proprietary Fund Type

The proprietary fund is used to account for the Board's ongoing operations and activities which are similar to those often found in the private sector. The proprietary fund is accounted for using a flow of economic resources measurement focus. With this measurement focus, all assets and all liabilities associated with the operation of these funds are included on the statement of net assets. Net assets are segregated into amounts invested in capital assets (net of related debt), restricted for debt service, restricted for capital projects and unrestricted. The Board's restricted assets are expandable for their purposes. The Board utilizes available restricted assets before utilizing unrestricted assets. The operating statements present increases (revenues) and decreases (expenses) in net assets. The Board maintains one proprietary fund type – the enterprise fund. The enterprise fund is used to account for operations (a) that are financed and operated in a manner similar to private business enterprises--where the intent of the governing body is that the cost (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance. The presentation of the financial statements of the enterprise fund follows the format recommended by the National Association of Regulatory Utility Commissioners (NARUC).

The statement of net assets arrangement for a utility reflects the relative importance of the various accounts. "Property, plant and equipment" is the first major category on the asset side, and long-term capitalization categories of net assets are listed first on the liability side. Current assets and current liabilities are assigned a relatively less important position in the center of the statement of net assets, rather than being placed first as in the statement of net assets of commercial and industrial enterprises.

Operating revenues include all charges for service; other revenues include reconnection fees and other miscellaneous charges. Operating expenses include the costs associated with providing water, sewerage and drainage services. Interest income, interest expense and tax revenues are presented non-operating items.

The enterprise fund is presented in the government-wide financial statements.

#### Fiduciary Fund Type

The fiduciary fund is used to account for assets held by the Board in a trustee capacity or as an agent for individuals, private organizations, other governmental units and/or other funds. The Board maintains one fiduciary fund type - the pension trust fund. The pension trust fund uses the flow of economic resources measurement focus. All assets and liabilities associated with the operation of this fund are included in the statement of plan net assets. The pension trust fund is used to account for the activity of the Board's employee retirement plan.

The pension trust fund is presented in the fund financial statements.

# NOTES TO FINANCIAL STATEMENTS (Continued)

## (1) <u>Summary of Significant Accounting Policies (continued)</u>

The Board applies all applicable FASB pronouncements issued on or before November 30, 1989 in accounting for its enterprise fund and pension trust fund operations unless those pronouncements conflict with or contradict GASB pronouncements.

# (C) <u>Basis of Accounting</u>

The enterprise fund and the pension trust fund prepare their financial statements on the accrual basis of accounting. Unbilled utility service charges are not recorded as management considers the effect of not recording such unbilled receivables as not material. Property taxes are recorded as revenue in the year for which they are levied. Plan member contributions are recognized in the period in which contributions are due. Employer contributions to the pension plan are recognized when due and the employer has made a commitment to provide the contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan.

## (D) <u>Investments</u>

Investments are reported at fair value, except for short-term investments (maturity of one year or less) which are reported at amortized cost, which approximates fair value. Securities traded in a national or international exchange are valued at the last reported sales price at current exchange rates. Investments that do not have an established market are reported at estimated fair value.

# (E) <u>Inventory of Supplies</u>

Inventory of supplies is stated at the lower of cost or market. Cost is determined by the averageweighted method.

# (F) <u>Property, Plant and Equipment</u>

Property, plant and equipment are carried at historical cost. The Board capitalizes moveable equipment with a value of \$10,000 or greater, stationary, network and other equipment with a value of \$5,000 or greater, and all real estate. The cost of additions includes contracted work, direct labor, materials and allocable cost. Donated fixed assets are recorded at their estimated fair value at the date of donation.

Interest is capitalized on property, plant, and equipment acquired and/or constructed with tax exempt debt. Depreciation is computed using the straight-line method over the estimated useful life of the asset. When assets are retired or otherwise disposed of, the cost and related accumulated depreciation are removed from the accounts and any resulting gain or loss is recognized in revenue for the period. The cost of maintenance and repairs is charged to operations as incurred and significant renewals and betterments are capitalized. Deduction is made for retirements resulting from renewals or betterments.

# NOTES TO FINANCIAL STATEMENTS (Continued)

# (1) <u>Summary of Significant Accounting Policies (continued)</u>

# (G) <u>Vacation and Sick Pay</u>

Vacation (annual leave) and sick pay (sick leave) are accrued when earned. Annual leave is accrued at the rate of .6923 of a workday for each bi-weekly accrual period for all employees on the payroll as of December 31, 1978. Employees hired after that date earn leave at a rate of .5 of a workday per bi-weekly pay period.

All employees on the payroll as of December 31, 1978 receive three bonus days each year; all employees hired after that date receive three bonus days each year for five through nine calendar years of continuous service; six bonus days each year for ten through fourteen years; nine bonus days each year for fifteen through nineteen years; and, twelve days for twenty or more years of continuous service. Civil Service's policy permits employees a limited amount of earned but unused annual leave which will be paid to employees upon separation from the Board. The amount shall not exceed ninety days for employees hired before January 1, 1979, and forty-five days for employees hired after December 31, 1978.

Sick leave is accumulated on a bi-weekly basis by all employees hired prior to December 31, 1978 at an accrual rate of .923 of a workday. For employees hired subsequent to December 31, 1978, the accrual rate is .5 of a workday for each bi-weekly period, plus a two day bonus each year for employees with six through fifteen calendar years of continuous service, and seven bonus days each year for employees with sixteen or more calendar years of continuous service.

Upon separation from the Board, an employee can elect to convert unused sick leave for retirement credits or cash. The conversion to cash is determined by a rate ranging from one day of pay for five days of leave for the 1st through 100th leave day to one day of pay for one day of leave for all days in excess of the 400th leave day. The total liability for unconverted sick leave as December 31, 2004 and 2003 is approximately \$12,739,000 and \$12,625,000, respectively. The amount included in the statements of net assets as of December 31, 2004 and 2003 is \$9,869,659 and \$9,829,380, respectively, which represents the annual leave and the converted sick leave since virtually all employees convert their sick leave to cash. The amounts for compensated absences include the salary cost as well as certain salary related costs, such as the Board's share of social security expense.

# (H) <u>Pension</u>

The Board funds the accrued pension cost for its contributory pension plan which covers substantially all employees. Annual costs are actuarially computed using the entry age normal cost method.

# (I) Drainage System

In 1903, the Legislature gave the Board control of and responsibility for the City's drainage system. The Drainage System was established as a department of the enterprise fund to account for the revenues from three-mill, six-mill and nine-mill ad valorem taxes designated exclusively for drainage services. These revenues have been supplemented by inspection and license fees

# NOTES TO FINANCIAL STATEMENTS (Continued)

#### (1) <u>Summary of Significant Accounting Policies (continued)</u>

collected by the Board. There exists a potential for additional financing by additional user service charges. Expenditures from the system are for the debt service of three-mill, six-mill and nine-mill tax bonds and drainage related operation, maintenance and construction.

## (J) Self-Insurance/Risk Management

The Board is self-insured for general liability, worker's compensation, unemployment compensation and hospitalization benefits and claims. The accrued liability for the various types of claims represents an estimate by management of the eventual loss on the claims arising prior to year-end, including claims incurred and not yet reported including estimates of both future payments of losses and related claims adjustment and expense. Estimated expenses and recoveries are based on a case by case review.

## (K) <u>Capital Contributions</u>

Contributions from developers and others, and receipts of Federal, State and City grants for acquisition of property, plant and equipment are recorded as a capital contributions in the statement of revenues, expenses and changes in net assets.

#### (L) Bond Issue Cost and Refinancing Gains (Losses)

Costs related to issuing bonds are capitalized and amortized based upon the methods used to approximate the interest method over the life of the bonds. Beginning with fiscal years in 1994 and thereafter, gains and losses associated with refundings and advance refundings are being deferred and amortized based upon the methods used to approximate the interest method over the life of the new bonds or the remaining term on any refunded bond, whichever is shorter. Premiums associated with bond issues are amortized over the interest yield method.

# (M) <u>Cash Flows</u>

For purposes of the statement of cash flows, only cash on hand and on deposit at financial institutions are considered to be cash equivalents. Certificates of deposits, treasury bills and other securities are considered investments.

#### (2) <u>Cash and Investments</u>

The following are the components of the Board's cash and investments as of December 31:

	<b>Unrestricted</b>	<b>Restricted</b>	<u>Total</u>
<u>2004</u>			
Enterprise Fund:			
Cash and money market funds	\$ 3,043,854	\$ 116,019,991	\$ 119,063,845
Certificates of deposit	-	143,135,306	143,135,306
	3,043,854	259,155,295	262,199,151
Investments	-	 97,957,470	97,957,470
	\$ 3,043,854	\$ 357,112,767	\$ 360,156,621

# NOTES TO FINANCIAL STATEMENTS (Continued)

#### (2) <u>Cash and Investments (continued)</u>

<u>2003</u> Enterprise Fund:			
Cash and money market funds	\$ 1,405,154	\$ 111,865,622	\$ 113,270,776
Certificates of deposit	-	121,330,119	121,330,119
	1,405,154	233,195,741	234,600,895
Investments	-	117,515,602	117,515,602
	\$ 1,405,154	\$ 350,711,343	\$ 352,116,497

The composition and carrying value of investments is as follows:

		2004	 2003	Category
Enterprise Fund: LAMP U.S. Government Securities and	\$	8,250,000	\$ 8,250,000	-
Instrumentalities	_	89,707,469	 109,265,602	2
	\$	97,957,469	\$ 117,515,602	2
Pension Trust Fund:				
Money Market	\$	3,885,962	\$ 3,391,597	-
Corporate Bonds		46,720,139	43,689,666	2
U.S. Government Securities and				
Instrumentalities		23,936,655	22,913,536	2
Foreign Obligations		2,095,104	1,834,497	2
Equities		124,911,875	 114,454,395	2
	\$	201,549,735	\$ 186,283,691	

Cash and Certificates of Deposit - At December 31, 2004, the bank balances of the Board's cash totaled \$6,631,965, money market funds held by an agent totaled \$115,239,664, and certificates of deposit totaled \$91,720,000. Statutes require that the Board's cash and certificates of deposit be covered by federal depository insurance or collateral. Of the cash bank balance at December 31, 2004, \$1,142,230 is covered by federal depository insurance. At December 31, 2003, the bank balances of the Board's cash totaled \$6,078,562, money market funds held by an agent totaled \$111,865,622, and certificates of deposit totaled \$121,330,119. Of the cash bank balance at December 31, 2003, \$800,000 is covered by federal depository insurance. The remaining amount of the Board's cash bank balances and all certificates of deposit for 2004 and 2003 were covered by collateral held by custodial agents of the financial institutions in the name of the Board's agent as of December 31, 2004 or 2003.

# NOTES TO FINANCIAL STATEMENTS (Continued)

#### (2) <u>Cash and Investments (continued)</u>

Investments - Statutes authorize the Board to invest in obligations of the U.S. Treasury, agencies, and instrumentalities, commercial paper rated A-1 by Standard & Poors Corporation or P-1 by Moody's Commercial Paper Record, bankers' acceptances and repurchase agreements. In addition, the pension trust fund is authorized to invest in corporate bonds rated A or better by Standard & Poors Corporation or AAA or better by Moody's Investors Service, and equity securities.

The Board's investments at December 31, 2004 and 2003 are categorized above to give an indication of the level of risk assumed by the Board at year-end. Category 1 includes investments that are insured or registered or securities which are held by the Board or its agents in the Board's name. Category 2 includes uninsured and unregistered investments with the securities held by the counterparty's trust department or agent in the Board's name. Category 3 includes uninsured and unregistered investments where the securities are held by the counterparty or by its trust department or agent but not in the Board's name.

LAMP represents those assets held in the Louisiana Asset Management Pool (LAMP), a local government investment pool which is not categorized under GASB Codification Section I50.164 because the investment is in a pooled fund and thereby not evidenced by securities that exist in physical or book entry form. LAMP, a local government investment pool, is administered by LAMP, Inc., a non-profit corporation organized under the laws of the State of Louisiana, which was formed by an initiative of the State Treasurer in 1993. While LAMP is not required to be a registered investment company under the Investment Company Act of 1940, its investment policies are similar to those established by Rule 2-a7, which governs registered money market funds. The primary objective of LAMP is to provide a safe environment for the placement of public funds in short-term, high quality investments. The LAMP portfolio includes only securities and other obligations in which local governments in Louisiana are authorized to invest. Accordingly, LAMP investments are restricted to securities issued, guaranteed, or backed by the U.S. Treasury, the U.S. Government, or one of its agencies, enterprises, or instrumentalities, as well as repurchase agreements collateralized by those securities. The dollar weighted average portfolio maturity of LAMP assets is restricted to not more than 90 days, and consists of no securities with a maturity in excess of 397 days. The fair market value of investments is determined on a weekly basis to monitor any variances between amortized cost and market value. For purposes of determining participants' shares, investments are valued at amortized cost. LAMP is designed to be highly liquid to provide immediate access to participants.

Under the provisions of its benefit plan and state law, the Board's pension benefit trust engages in securities lending to broker dealers and other entities for cash collateral that will be returned for the same securities in the future. The cash collateral cannot be liquidated by the Board unless the borrower defaults. Cash collateral is initially pledged at 102% of the market value of securities lent and additional collateral is provided by the next business day if the value falls to less than 100% of the market value of the securities lent. No collateral exposure existed as of December 31, 2004 and 2003. The value of securities lent at December 31, 2004 and 2003 was \$48,335,539 and \$37,580,000. The market value of the cash collateral at December 31, 2004 and 2003 was \$49,814,090 and \$38,308,000. All securities lent were classified as Category 2 custodial risk.

# NOTES TO FINANCIAL STATEMENTS (Continued)

#### (3) <u>Defined Benefit Pension Plan</u>

The Board has a single-employer contributory retirement plan covering all full-time employees, the Pension Trust Fund (PTF). The Board's payroll for current employees covered by PTF for the years ended December 31, 2004 and 2003 was \$30,165,927 and \$28,443,387, respectively; such amounts exclude overtime and standby payroll. Total payroll, including overtime and standby payroll, was \$39,051,715 and \$37,464,206 for the years ended December 31, 2004 and 2003, respectively. At December 31, the PTF membership consisted of:

	2004	2003
Retirees and beneficiaries currently receiving benefits and terminated employees entitled to benefits but not yet receiving them	671	648
Current employees:		
Vested	895	932
Nonvested	223	177
	1,118	1,109
Total	1,789	1,757

The benefit provisions were established by action of the Board in 1956 in accordance with Louisiana statutes. The Board retains exclusive control over the plan through the Pension Committee of the PTF. Effective January 1, 1996, the plan became qualified under Internal Revenue Code Section 401(a) and thus is tax exempt.

The plan provides for retirement benefits as well as death and disability benefits. All benefits vest after ten years of service. Employees who retire at or after age sixty-five with ten years of credited service are entitled to an annual retirement benefit, payable biweekly for life, in an amount equal to two percent of their average compensation for each year of credited service up to ten years, increasing by (1) one-half percent per year for service years over ten years, (2) an additional one-half percent per years over twenty years and (3) an additional one percent per year for service years over thirty years, for a maximum of four percent for each year of credited service. Average compensation is the average annual earned compensation (prior to 2002, less \$1,200) for the period of thirty-six successive months of service during which the employee's compensation was the highest. Employees with thirty years or more of credited service may retire without a reduction in benefits of three percent for each year of age below the age of sixty-two. If an employee leaves covered employment or dies before three years of credited service, the accumulated employee contributions plus related investment earnings are refunded to the employee or designated beneficiary.

The retirement allowance for retirees over age sixty-two is subject to a cost of living adjustment each January 1, provided that the member retired on or after January 1, 1984. The adjustment is based on the increase in the Consumer Price Index for all urban wage earners published by the U.S. Department of Labor, but is limited to an annual maximum of two percent on the first \$10,000 of initial retirement benefits.

# NOTES TO FINANCIAL STATEMENTS (Continued)

#### (3) <u>Defined Benefit Pension Plan (continued)</u>

Effective September 23, 1993, employers may transfer credit between the Board's plan and the City of New Orleans retirement system with full credit for vested service. The Board and its employees are obligated under plan provisions to make all required contributions to the plan. The required contributions are actuarially determined. Level percentage of payroll employer contribution rates is determined using the entry age normal actuarial funding method. Employees are required to contribute four percent of their regular salaries or wages.

The Board had attained full funding of the actuarially computed pension liability in 2000. Effective June 19, 2002, however, as a result of the adoption of several plan changes in accordance with the Board's reciprocity agreement with the City of New Orleans, the plan became unfunded. These changes impacted the plan's funding requirements by \$20,333,835, which is being amortized over a 10 year period. Key changes adopted included: (a) amendment to benefit formula; (b) adoption of a "Rule of 80" retirement; (c) change in the years of service required for a terminating employee to qualify for a later separation benefit from 10 years to 5 years; and (d) elimination of the exclusion of the first \$1,200 of earnings from benefits and contributions.

The annual required contribution for the current year was determined as part of the December 31, 2004 actuarial valuation using the entry age normal cost method. The actuarial assumptions included (a) 7.0% investment rate of return (net of administrative expenses) and (b) projected salary increase of 5.0% per year. Both (a) and (b) included an inflation component of 2.0%. The actuarial value of assets was determined using a seven-year weighted market average.

	2004	2003
Annual required contribution Interest on net pension obligation Adjustments to annual required contribution	\$ 4,271,797 \$ (429,150) 995,160	3,193,339 (469,757) 998,381
Annual pension cost Contributions made	4,837,807 3,386,729	3,721,963 3,141,857
Decrease in net pension asset	1,451,078	580,106
Change in estimate Net pension asset, beginning of year	6,130,718	(780,943) 6,331,555
Net pension asset, end of year	\$ 4,679,641 \$	6,130,718

The Board's net pension asset for the years ended December 31 was as follows:

The net pension asset is being amortized over 8 years as of December 31, 2004, using the level dollar closed method and using the same interest, salary increase and inflation factors as the plan.

# NOTES TO FINANCIAL STATEMENTS (Continued)

#### (3) <u>Defined Benefit Pension Plan (continued)</u>

Trend information for Board and employee contributions is as follows:

	Annual Pension <u>Cost (APC)</u>	Percentage of APC <u>Contributed</u>	Net Pension <u>Asset</u>
Fiscal year ending:			
December 31, 2004	\$ 4,837,806	77%	\$ 4,679,641
December 31, 2003	\$ 3,721,963	91%	\$ 6,130,718
December 31, 2002	\$ 3,730,747	78%	\$ 6,331,555

The actuarially determined contribution requirement for the Board was 16.85 percent through 2001, 8 percent for 2002, 11.046 percent for 2003, and 11.227 percent for 2004; the requirement for employees is 4.0 percent. The actual Board's and employees' contributions (including contributions for transferred employees from other pension plans) for years ended December 31 were as follows:

	_	2004	2003
Employer and other transfers	\$	3,721,034	\$ 3,391,537
Employee	_	1,120,776	1,097,183
Total Contributions	\$	4,841,810	\$ 4,488,720

#### <u>DROP</u>

Beginning in 1996, the Board offered employees a "Deferred Retirement Option Plan" (DROP), an optional retirement program which allows an employee to elect to freeze his or her retirement benefits, but continue to work and draw a salary for a minimum period of one year to a maximum period of five years. While continuing employment, the retirement benefits are segregated from overall plan assets available to other participants. As of December 31, 2004 and 2003, 82 and 75 employees, respectively, participated in the plan. The amount of plan assets segregated for these individuals was \$4,571,050 and \$3,279,115 as of December 31, 2004 and 2003, respectively.

A separate report on the pension trust fund is not issued.

#### (4) <u>Property, Plant and Equipment</u>

The useful lives of property, plant and equipment consisted of the following:

Pumping station buildings	57 years
Pumping station machinery	40 years
Canals and subsurface drains	75 to 100 years
Power transmission	50 years
General plan items	12 years
General buildings	25 years

# NOTES TO FINANCIAL STATEMENTS (Continued)

# (4) <u>Property, Plant and Equipment (continued)</u>

Property, plant and equipment consisted of the following as of December 31:

			20	004	ļ	
		Beginning				Ending
		Balance	 Additions		Deletions	Balance
Real estate rights, non						
depreciable	\$	8,572,900	\$ 59,097	\$	- \$	8,631,997
Power and pumping						
stations - buildings		249,698,773	3,083,527		-	252,782,300
Power and pumping						
stations - machinery		228,930,292	1,303,707		-	230,233,999
Distribution systems		118,796,243	184,988		(211,840)	118,769,391
Sewerage collection		162,526,854	32,522,918		(3,066,467)	191,983,305
Canals and subsurface						
drainage		211,459,311	65,580,062		-	277,039,373
Treatment plants		112,975,457	4,239,506		-	117,214,963
Connections and meters		41,468,442	863,881		(357,856)	41,974,467
Power transmission		25,584,083	254,250		-	25,838,333
General plant		189,570,680	17,735,741		(152,173)	207,154,248
General buildings		9,277,426	 -		-	9,277,426
Total property, plant and						
equipment in service		1,358,860,461	125,827,677		(3,788,336)	1,480,899,802
Construction in progress		345,950,813	 125,393,198		(125,827,677)	345,516,334
Total property, plant and						
Total		1,704,811,274	251,220,875		(129,616,013)	1,826,416,136
Accumulated depreciation	_	512,228,920	 38,532,651		(3,788,348)	546,973,223
Net	\$	1,192,582,354	\$ 212,688,224	\$	(125,827,665) \$	1,279,442,913

			20	003		
	-	Beginning				Ending
	_	Balance	 Additions		Deletions	Balance
Real estate rights, non						
depreciable	\$	8,572,900	\$ -	\$	- \$	8,572,900
Power and pumping						
stations - buildings		198,880,455	50,818,318		-	249,698,773
Power and pumping						
stations - machinery		228,906,430	23,862		-	228,930,292
Distribution systems		118,959,822	60,404		(223,983)	118,796,243
Sewerage collection		164,577,652	122,002		(2,172,800)	162,526,854
Canals and subsurface						
drainage		211,454,648	4,663		-	211,459,311
Treatment plants		112,975,457	-		-	112,975,457
Connections and meters		41,527,407	161,210		(220,175)	41,468,442
Power transmission		25,584,083	-		-	25,584,083
General plant		188,695,501	1,069,967		(194,788)	189,570,680
General buildings	_	9,277,437	 -		(11)	9,277,426
Total property, plant and						
equipment in service		1,309,411,792	52,260,426		(2,811,757)	1,358,860,461
Construction in progress	_	267,293,159	 130,918,080		(52,260,426)	345,950,813
Total property, plant and						
Total		1,576,704,951	183,178,506		(55,072,183)	1,704,811,274
Accumulated depreciation	_	479,559,709	 35,480,955		(2,811,744)	512,228,920
Net	\$	1,097,145,242	\$ 147,697,551	\$	(52,260,439) \$	1,192,582,354

# NOTES TO FINANCIAL STATEMENTS (Continued)

# (4) <u>Property, Plant and Equipment (continued)</u>

Interest capitalized was as follows for the years ended December 31:

	2004	2003
Interest income	\$ 3,242,691	\$ 2,056,189
Interest expense	(14,310,409)	(12,632,721)
Net interest capitalized	\$ (11,067,718)	\$ (10,576,532)

# (5) <u>Customer Receivables</u>

Customer receivables as of December 31 consist of the following:

		_	Customer Accounts	_	Allowance for Doubtful Accounts	Net
2004	Water Sewer	\$	9,678,325 9,789,797	\$	3,358,148 2,921,566	\$ 6,320,177 6,868,231
		\$	19,468,122	\$	6,279,714	\$ 13,188,408
2003	Water Sewer	\$	9,332,967 8,241,557	\$	2,940,999 2,347,883	\$ 6.391,968 5,893,674
		\$	17,574,524	\$	5,288,882	\$ 12,285,642

## (6) <u>Due from the City of New Orleans</u>

In accordance with the terms of an agreement with the City of New Orleans, the Board and the City agreed to offset \$2,098,687 (net of unearned discount \$285,696) owed by the City to the Board at the rate of \$200,000 annually in lieu of civil service charges through 2009. As of December 31, 2004 and 2003, \$746,229 and \$873,228, respectively, was due from the City of New Orleans.

# NOTES TO FINANCIAL STATEMENTS (Continued)

# (7) <u>Bonds Payable</u>

Bonds payable consisted of the following as of December 31:

		<b>Principal Balances</b>		
	_	2004	_	2003
5.00% to 6.25% sewerage revenue bonds, series 1997 (initial average interest cost 5.36%), due in annual principal installments ranging from \$1,100,000 to \$2,425,000; final payment due June 1, 2017	\$	23,165,000	\$	24,335,000
4.125% to 6.125% water revenue bonds, series 1998 (initial average interest cost 4.82%), due in annual principal final payment due final payment due \$625,000 to \$1,220,000; final payment due December 1, 2018		12,845,000		13,475,000
4.125% to 6.000% sewer revenue bonds, series 1998 (initial average interest cost 4.82%), due in annual principal installments ranging from \$950,000 to \$1,910,000; final payment due June 1, 2018		20,065,000		21,050,000
4.10% to 6.10% drainage system bonds, series 1998 (initial average interest cost 4.84%), due in annual principal installments ranging from \$370,000 to \$760,000; final payment due December 1, 2018		7,930,000		8,320,000
5.25% to 6.50% sewer revenue bonds, series 2000 (initial average interest cost 5.48%), due in annual principal installments ranging from \$820,000 to \$2,205,000; final payment due June 1, 2020		23,610,000		24,480,000
5.00% to 7.00% sewer revenue bonds, series 2000B (initial average interest cost 5.43%), due in annual principal installments ranging from \$640,000 to \$1,660,000; final payment due June 1, 2020		18,030,000		18,710,000
4.40% to 6.70% sewer revenue bonds, series 2001 (initial average interest cost 5.02%), due in annual principal installments ranging from \$1,100,000 to \$2,455,000; final payment due December 1, 2021		29,545,000		30,690,000
3.00% to 5.00% sewerage service revenue bonds, series 2002 (initial average interest cost 4.36%; due in annual principal installments ranging from \$1,635,000 to \$4,520,000; final payment due June 1, 2022.	\$	53,640,000	\$	55,365,000

# NOTES TO FINANCIAL STATEMENTS (Continued)

# (7) <u>Bonds Payable (continued)</u>

		Principal Balances		
	_	2004	_	2003
3.00% to 5.00% water revenue bonds, series 2002 (initial average interest cost 4.57%, due in annual principal installments ranging from \$945,000 to \$3,658,000; final payment due December 1, 2022.	\$	33,055,000	\$	34,000,000
3.45% to 6.00% drainage system bonds, series 2002 (initial average interest cost 4.46%), due in annual principal installments ranging from \$510,000 to \$2,155,000; final payment due December 1, 2022.		18,955,000		19,490,000
2.20% to 5.00% sewerage service revenue bonds, series 2003 (initial average interest cost 4.45%); due in annual principal installments ranging from \$140,000 to \$395,000; final payment due June 1, 2023.		5,360,000		5,500,000
2.00% sewerage service bond anticipation notes, series 2003 (initial average interest cost 1.077%); due in one principal installment of \$111,800,000 due July 29, 2004.		-		111,800,000
3.25% to 6.00% sewerage service revenue bonds, series 2004 (initial average interest cost 4.62%); due in annual principal installments ranging from \$945,000 to \$3,685,000; final payment due June 1, 2024.		33,000,000		-
2.50% sewerage service bond anticipation notes, series 2004 (initial average interest cost 2.02%); due in one principal installment of \$25,200,000 due July 29, 2005.		25,200,000		-
2.75% sewerage service refunding bond anticipation notes, series 2004 (initial average interest cost 1.50%); due in one principal installment of \$111,800,000 due July 29, 2005.		111,800,000		-
-	-		-	
		416,200,000		367,215,000
Plus bond premiums	_	3,417,617	_	3,421,944
Total		419,617,617		370,636,944
Less current maturities		148,717,551		121,608,053
Bond payable, long-term	\$	270,900,066	\$	249,028,891
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# NOTES TO FINANCIAL STATEMENTS (Continued)

# (7) <u>Bonds Payable (continued)</u>

The changes in long-term debt were as follows:

	 2004	_	2003
Balance, beginning of year	\$ 367,215,000	\$	259,285,000
Issuances	170,000,000		117,300,000
Payments	 (121,015,000)	_	(9,370,000)
Balance, end of year	\$ 416,200,000	\$_	367,215,000

The annual requirements to amortize all bonds payable as of December 31, 2004, are as follows:

Year	_	Principal	Interest	Total
2005	\$	147,885,000	\$ 14,588,121	\$ 162,473,121
2006		11,435,000	12,817,492	24,252,492
2007		12,020,000	12,247,452	24,267,452
2008		12,635,000	11,656,764	24,291,764
2009		13,270,000	11,056,512	24,326,512
2010-2014		76,955,000	45,281,315	122,236,315
2015-2019		91,225,000	23,853,117	115,078,117
2020-2024		50,775,000	4,411,326	55,186,326
Total	\$	416,200,000	\$ 135,912,100	\$ 552,112,100

The amount of revenue bonds and tax bonds payable as of December 31, 2004, are as follows:

Year	_	Revenue Bonds	Tax Bonds	Total
2005	\$	146,920,000	\$ 965,000	\$ 147,885,000
2006		10,420,000	1,015,000	11,435,000
2007		10,950,000	1,070,000	12,020,000
2008		11,510,000	1,125,000	12,635,000
2009		12,085,000	1,185,000	13,270,000
2010-2014		70,145,000	6,810,000	76,955,000
2015-2019		82,680,000	8,545,000	91,225,000
2020-2024		44,605,000	6,170,000	50,775,000
Total	\$	389,315,000	\$ 26,885,000	\$ 416,200,000

The indentures under which these bonds were issued provide for the establishment of restricted funds for debt service as follows:

# NOTES TO FINANCIAL STATEMENTS (Continued)

## (7) <u>Bonds Payable (continued)</u>

- 1. Debt service funds are required for the payment of interest and principal on the revenue and tax bonds. Monthly deposits on revenue bonds, excluding bond anticipation notes, are required to be made into this fund from operations in an amount equal to 1/6 of the interest falling due on the next interest payment date, and an amount equal to 1/12 of the principal falling due on the next principal payment date. All debt service funds are administered by the Board of Liquidation. The required amount to be accumulated in this fund was \$5,958,884 and \$5,165,778 at December 31, 2004 and 2003, respectively; the accumulated balance at December 31, 2004 and 2003 was \$9,004,326 and \$6,740,114, respectively.
- 2. A debt service reserve is required for an amount equal to but not less than fifty percent of the amount required to be credited in said month to the debt service fund until there shall be accumulated in the debt service reserve account the largest amount required in any future calendar year to pay the principal and interest on outstanding bonds, except for the water and sewer bonds. The water and sewer bonds require an amount equal to the largest amount required in any future calendar year to pay the principal of and interest on outstanding bonds. There is no debt service reserve required for the 1998 and 2002 drainage 9 mill tax bonds. The required amount to be accumulated in this fund was \$22,289,918 and \$19,824,037 at December 31, 2004 and 2003, respectively; the accumulated balance at December 31, 2004 and 2003 was \$22,254,068 and \$19,824,037, respectively.

The net operating revenues of the Water Department and the Sewerage Department of the Board for the year ended December 31, 2004 were adequate to meet the bond indenture required debt service coverage of 130 percent. The Board is in compliance with the requirements of its long-term debt agreements at December 31, 2004.

In 2003, the statutes were revised and there is no longer a statutory limit on tax bonds.

#### (8) <u>Due to City of New Orleans</u>

The Board bills and collects sanitation charges on behalf of the City of New Orleans (City). The Board is not liable for any uncollected sanitation charges. The amount due the City for sanitation fees collected was \$342,172 and \$205,928 at December 31, 2004 and 2003, respectively.

(9) <u>Property Taxes</u>

Property taxes are levied by the City of New Orleans. Taxes on real and personal property attach as an enforceable lien on the property as of January 1. Taxes are levied on January 1, are payable on January 1, and are delinquent on February 1.

The assessed value of the property is determined by an elected Board of Assessors. The assessed value for 2004 was \$2,059,134,177. The combined tax rate dedicated for the Board for the years ended December 31, 2004 and 2003 was \$22.59 per \$1,000 of assessed valuation. These dedicated funds are available for operations, maintenance, construction and extension of the drainage system (except for subsurface systems).

# NOTES TO FINANCIAL STATEMENTS (Continued)

## (10) <u>Commitments</u>

## a. <u>Capital Improvements</u>

At December 31, 2004, the Board's budget for its five year capital improvements program totaled \$1,976,522,000 including \$510,610,000 for water, \$851,056,000 for sewerage and \$614,856,000 for drainage. Due to certain regulatory and legislative changes, additional capital improvements will probably be required. Future capital improvement program expenditures may require the issuance of additional debt depending on the amount and timing of expenditures. As of December 31, 2004, the Board has committed or appropriated \$85,776,891 in investments for use in future capital projects and has \$225,529,144 of bond proceeds remaining for construction. The capital project investments are included in restricted assets.

The capital improvements budget for 2005 is \$297,777,000, including \$42,280,000 for projects, which are expected to be funded by federal grants and programs. Significant projects included in property, plant and equipment in progress as of December 31, 2004 include the following:

Southeast Louisiana Flood Control Program Sewer System Sanitation Evaluation and Rehabilitation Program Drainage Pumping Station #1 Eastbank Sewer Treatment Plant Westbank Sewer Treatment Plant

# b. <u>Self-insurance</u>

The Board is self-insured for general liability, worker's compensation, and hospitalization benefits and claims. Settled claims have not exceeded excess coverage in any of the past three fiscal years. Hospitalization benefits are charged to payroll related expense.

General liability claims are segregated internally by "claims" and "suits" depending on the scope and type of claim, and are handled by the Office of the Special Counsel and Administrative Services. Individual general liability losses have ranged from \$100 to \$7,500,000, illustrating the volatility of this exposure. The provision for claims expense for 2004 and 2003 amounted to \$733,436 and \$1,058,580, respectively.

Worker's compensation expense provision for 2004 and 2003 amounted to \$2,153,461 and \$2,614,612, respectively.

The hospitalization self-insurance benefits are administered by Blue Cross of Louisiana. The Board's expense provision in excess of employee contributions for 2004 and 2003 was approximately \$10,200,000 and \$9,700,000, respectively, and is included in payroll related expenses.

# NOTES TO FINANCIAL STATEMENTS (Continued)

#### (10) <u>Commitments (continued)</u>

Changes in the claims payable amount are as follows (health payments are reflected net):

Fiscal Year	_	Beginning of Year	Current Year Claims and Estimate Change	Claim Payments	End of Year
2004	\$	34,851,573	13,096,753	16,357,731	31,600,595
2003	\$	37,658,305	13,418,233	16,214,965	34,861,573

The composition of claims payable is as follows:

	2004	2003
Short-term:		
Workers' Compensation	\$ 1,120,393	\$ 1,045,874
Health Insurance	2,137,838	2,156,737
General Liability	19,682,096	20,030,500
Total short-term	22,940,327	23,233,111
Long-term:		
Workers' Compensation	6,260,268	6,678,462
General Liability	2,400,000	4,950,000
Total long-term	8,660,268	11,628,462
Total	\$ 31,600,595	\$ 34,861,573

## c. <u>Regulatory Matters</u>

The Board, as well as other utilities, is subject to environmental standards imposed by federal, state and local environmental laws and regulations. The Board has entered into a consent decree with the United States which allows the Board to go forward with its major program to repair and rehabilitate the sewerage system while drawing on a \$100 million commitment from the United States Environmental Protection Agency. The Board expended \$39,029,335 and \$36,448,099 of the commitment at December 31, 2004 and 2003, respectively. The overall costs of the program are estimated at \$604 million over a period ending December 31, 2010. The Board is in complete compliance with the consent decree.

The Board is also participating in Federal financial award programs which are subject to financial and compliance audits by various agencies. No disallowed costs have been identified. As part of Federal and other governmental agency funding, the Board is required to match a portion of funding received. The Board believes it has sufficient funds to meet its matching requirements.

# NOTES TO FINANCIAL STATEMENTS (Continued)

#### (10) <u>Commitments (continued)</u>

## d. <u>Postemployment Healthcare Benefits</u>

In addition to providing pension benefits, the Board provides certain health care benefits for retired employees in accordance with its pension plan provisions. All of the Board's employees may become eligible for those benefits if they reach normal retirement age while working for the Board. The cost of retiree health care is recognized when incurred including an estimate for the amount incurred but not yet reported. For 2004 and 2003, the costs incurred by the Board for those benefits were approximately \$3,959,071 and \$3,360,688, respectively, net of retiree contributions of \$226,641 and \$193,007, respectively. The number of participants eligible to receive health care benefits was 744 and 694 as of December 31, 2004 and 2003, respectively.

#### (11) <u>Deferred Compensation Plan</u>

The Board offers its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. This plan, available to all employees, permits them to defer a portion of their salary until future years. The deferred compensation is not available to employees until termination, retirement, death, or unforeseeable emergency. All amounts of compensation deferred under the plan, all property, and rights purchased with those amounts, and all income attributable to those amounts, property or rights are held in trust for the employees, therefore the assets of the plan are not included in these financial statements.

## (12) <u>Budgets</u>

Operating and capital expenditure budgets are adopted by the Board on a basis consistent with accounting principles generally accepted in the United States. While not legally required, this budgetary information is employed as a management control device during the year. Comparison between actual and budgeted expenses is not a required presentation for an Enterprise Fund.

#### (13) <u>Segment Information</u>

The Board issued revenue bonds to finance its water and sewerage departments which operate the Board's water and sewerage treatment plants and distribution and collection systems. These bonds are accounted for in a single fund; however, investors in the revenue bonds rely solely on the revenue generated by the individual activities for repayment.

# NOTES TO FINANCIAL STATEMENTS (Continued)

# (13) <u>Segment Information (continued)</u>

Summary financial information for these departments as of and for the year ended December 31 is as follows:

<u>Co</u>	ndensed St	tatements of Ne	et Assets			
		Water	r		Sewe	r
		2004	2003		2004	2003
			(amounts	in the	ousands)	
Assets:						
Property, plant and equipment	\$	240,020 \$	237,626	\$	477,253 \$	418,379
Restricted assets		39,939	52,618		232,567	217,855
Current		13,052	13,135		13,799	10,250
Other assets		2,821	3,637		2,910	3,271
Total assets	\$	295,832 \$	307,016	\$	726,529 \$	649,755
Net assets:				_		
Invested in capital assets,						
net of related debt	\$	203,857 \$	196,297	\$	323,756 \$	311,265
Restricted		17,246	33,842		28,697	18,001
Total net assets		221,103	230,139	_	352,453	329,266
Liabilities:						
Current		19,334	18,995		19,709	19,033
Current liabilities payable from						
restricted assets		7,663	7,259		152,045	123,532
Noncurrent liabilities	_	47,732	50,623		202,322	177,924
Total liabilities	_	74,729	76,877	_	374,076	320,489
Total liabilities and net assets	\$	295,832 \$	307,016	\$	726,529 \$	649,755

## Condensed Statements of Revenues, Expenses and Changes in Net Assets

	_	Wate	er	Sewer			
	_	2004	2003	_	2004	2003	
			(amounts i	n the	ousands)		
Service charges, pledged							
against bonds	\$	56,438 \$	56,288	\$	72,654 \$	62,493	
Depreciation expense		(13,762)	(13,087)		(11,870)	(10,827)	
Other operating expenses		(53,299)	(48,997)		(40,910)	(39,514)	
Operating income		(10,623)	(5,796)		19,874	12,152	
Nonoperating revenues:							
Investment earnings		-	-		47	275	
Other		331	343		413	428	
Capital contributions		1,256	1,376		2,853	6,707	
Change in net assets		(9,036)	(4,077)		23,187	19,562	
Beginning net assets		230,139	234,216		329,266	309,704	
Ending net assets	\$_	221,103 \$	230,139 \$	_	352,453 \$	329,266	

# NOTES TO FINANCIAL STATEMENTS (Continued)

# (13) <u>Segment Information (continued)</u>

Condens	sed St	atements of C	Cash Flows				
		Wate	r	_	Se	we	er
	_	2004	2003	_	2004	_	2003
			(amounts in th	101	isands)		
Net cash provided by (used in):							
Operating activities	\$	2,022 \$	7,761	\$	30,464	\$	23,113
Noncapital financing activities		331	343		376		416
Capital and related financing							
activities		(16,628)	(15,170)		(17,726)		(31,822)
Investing activities	_	13,329	6,028	_	(7,281)	_	66,254
Net increase (decrease)		(946)	(1,038)		5,833		57,961
Cash and cash equivalents:							
Beginning of year	_	795	1,833	_	112,685	_	54,724
End of year	\$	(151) \$	795 \$	_	118,518	\$_	112,685

REQUIRED SUPPLEMENTARY INFORMATION (GASB STATEMENT NO. 25) (This page intentionally left blank)

# Required Supplementary Information Under GASB Statement No. 25

### SCHEDULE OF FUNDING PROGRESS

Actuarial Valuation Date December 31	Actuarial Value of Assets	Actuarial Accrued Liability (AAL)	(Overfunded) Unfunded AAL	Funded Ratio	Covered Payroll (millions)	Unfunded AAL as a Percentage of payroll
2004	\$ 204,706,452	\$ 218,155,395	\$ 13,448,943	93.84%	\$ 30	44.58%
2003	196,697,432	205,362,089	8,664,657	95.78%	28	30.46%
2002	187,892,716	197,323,094	9,430,378	95.22%	29	32.65%
	, ,	, ,	, ,			
2001	180,737,126	167,062,451	(13,674,675)	108.19%	29	(47.39%)
2000	164,845,672	160,568,317	(4,277,355)	102.66%	30	(14.15%)
1999	149,976,441	156,520,350	6,543,909	95.82%	31	20.92%

### SCHEDULE OF EMPLOYER CONTRIBUTIONS

Year Ended	Annual Required Contribution	Actual Contribution	Percentage Contribution
2004	\$ 4,271,797	\$ 3,721,034	87.11%
2003	3,193,339	3,391,537	106.21%
2002	3,190,707	2,931,065	91.86%
	, ,	, ,	
2001	-	5,417,852	-
2000	891,032	5,444,048	610.98%
1999	3,304,992	5,270,098	159.46%

See accompanying notes to financial statements.

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SUPPLEMENTARY INFORMATION

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#### SCHEDULE OF NET ASSETS BY DEPARTMENT

#### ENTERPRISE FUND

#### As of December 31, 2004 and 2003

	Water S	System	Sewerag	e System	Drainage	System	Tota	
	2004	2003	2004	2003	2004	2003	2004	2003
ASSETS								
Property, plant and equipment	\$ 455,222,488	\$ 439,450,270	\$ 638,280,095	\$ 570,855,340	\$ 732,913,553	\$ 694,505,664	\$ 1,826,416,136	\$ 1,704,811,274
Less accumulated depreciation	215,202,924	201,824,424	161,027,243	152,476,460	170,743,056	157,928,036	546,973,223	512,228,920
Less accumulated depreciation	240.019.564	237,625,846	477,252,852	418,378,880	562,170,497	536,577,628	1,279,442,913	1,192,582,354
	240,019,304	257,025,840	477,232,632	410,370,000	502,170,497	550,577,028	1,279,442,913	1,192,382,334
Restricted assets:								
Capital projects	16,713,662	33,089,765	9,950,000	5,075,000	59,113,229	52,315,800	85,776,891	90,480,565
Construction funds	10,237,870	6,692,930	192,835,944	187,691,060	22,455,330	24,884,009	225,529,144	219,267,999
Debt service reserve	3,928,380	3,928,380	18,325,688	15,895,657			22,254,068	19,824,037
Customer deposits	5,336,338	5,186,628					5,336,338	5,186,628
Health insurance reserve	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	9,000,000	9,000,000
Debt service	628,276	626,099	8,376,050	6,114,015			9,004,326	6,740,114
Other	94,000	94,000	79,000	79,000	39,000	39,000	212,000	212,000
	39,938,526	52,617,802	232,566,682	217,854,732	84,607,559	80,238,809	357,112,767	350,711,343
Current assets:								
Cash	(349,164)	693,488	2,723,613	1,005,501	669,405	(293,835)	3,043,854	1,405,154
Accounts receivable:								
Customers, net of allowance	6,320,177	6,391,968	6,868,231	5,893,674			13,188,408	12,285,642
Taxes					4,737,807	4,831,236	4,737,807	4,831,236
Interest	24,731	18,315	48,366	11,575	345,479	163,525	418,576	193,415
Grants			235,091	1,005,845			235,091	1,005,845
Miscellaneous	574,406	186,989	425,283	397,688	542,466	1,759,001	1,542,155	2,343,678
Due from City of New Orleans, current	96,000	96,000	70,000	70,000	34,000	34,000	200,000	200,000
Due from (to) other internal departments/other fund	(1,106,190)	(475,175)	1,480,342	(111,946)	(374,152)	587,121	-	-
Inventory of supplies	7,208,649	5,947,077	1,728,069	1,762,615	173,112	191,714	9,109,830	7,901,406
Prepaid expenses	283,744	276,085	220,690	214,733	126,109	122,704	630,543	613,522
Total current assets	13,052,353	13,134,747	13,799,685	10,249,685	6,254,226	7,395,466	33,106,264	30,779,898
Due from City of New Orleans, less current portion	262,190	323,149	191,180	235,630	92,859	114,449	546,229	673,228
Other assets:								
Bond issue costs	243,297	287,569	1,296,956	1,178,493	126,654	196,401	1,666,907	1,662,463
Deposits	243,297	22,950	1,290,950	17,965	10,400	10,400	51,315	51,315
Pension Asset	2,293,024	3,004,051	1,403,892	1,963	982,725	1,287,451	4,679,641	6,130,718
rension Asset	2,295,024	5,004,051	1,405,892	1,039,210	962,125	1,207,401	4,079,041	0,150,/18
	2,559,271	3,314,570	2,718,813	3,035,674	1,119,779	1,494,252	6,397,863	7,844,496
	\$ 295,831,904	\$ 307,016,114	\$ 726,529,212	\$ 649,754,601	\$ 654,244,920	\$ 625,820,604	\$ 1,676,606,036	\$ 1,582,591,319

(Continued)

Schedule 1, Continued

#### SEWERAGE AND WATER BOARD OF NEW ORLEANS

#### SCHEDULE OF NET ASSETS BY DEPARTMENT, CONTINUED

#### ENTERPRISE FUND

#### As of December 31, 2004 and 2003

	Water S	system		Sewerage	e Syste	m	Drainag	e Syster	m	Total		tal	
	2004	2003	2004			2003	2004		2003		2004		2003
NET ASSETS AND LIABILITIES													
Net assets:													
Invested in capital assets - net of related debt Restricted for:	\$ 203,857,459	\$ 196,297,080	\$ 323,	756,153	\$	311,264,692	\$ 557,740,828	\$	533,651,637	\$	1,085,354,440	\$	1,041,213,409
Debt service	4,380,810	4,373,054	24,	539,821		21,083,651	(102,755)		-		28,817,876		25,456,705
Capital Projects	12,864,599	29,469,088	4,	56,734		(3,081,883)	 48,879,117		44,499,477		65,900,450		70,886,682
Total net assets	221,102,868	230,139,222	352,	452,708		329,266,460	 606,517,190		578,151,114		1,180,072,766		1,137,556,796
Long -term liabilities:													
Claims payable	2,986,756	4,176,154	2,	)86,756		2,226,154	3,586,756		5,226,154		8,660,268		11,628,462
Bonds payable (net of current maturities)	44,744,975	46,446,696	200,	235,091		175,697,195	25,920,000		26,885,000		270,900,066		249,028,891
	47,731,731	50,622,850	202,	321,847		177,923,349	 29,506,756		32,111,154		279,560,334		260,657,353
Current liabilities (payable													
from current assets):													
Accounts payable	7,657,103	6,674,070	8,	753,656		8,223,392	4,349,470		3,425,423		20,760,229		18,322,885
Due to City of New Orleans	259,462	205,928		-		-	-		-		259,462		205,928
Retainers and estimates payable	211,260	110,105		83,391		159,509	1,080,062		188,851		1,474,713		458,465
Due to other fund	29,887	16,885		14,029		7,925	17,078		9,648		60,994		34,458
Accrued salaries	320,144	171,410	1	226,141		134,515	128,376		73,029		674,661		378,954
Accrued vacation and sick pay	4,876,265	4,845,081	2,	962,058		2,932,977	2,031,336		2,051,322		9,869,659		9,829,380
Claims payable	5,966,398	6,961,369	7,	570,177		7,573,027	9,403,752		8,698,715		22,940,327		23,233,111
Other liabilities	13,158	9,854		-		1,716	-		-		13,158		11,570
	19,333,677	18,994,702	19,	709,452		19,033,061	17,010,074		14,446,988		56,053,203		52,474,751
Current liabilities (payable													
from restricted assets):													
Accrued interest	175,845	181,425		61,917		926,021	102,755		107,413		2,440,517		1,214,859
Bonds payable	1,655,000	1,575,000		097,551		119,108,053	965,000		925,000		148,717,551		121,608,053
Retainers and estimates payable	496,445	316,287	3,	785,737		3,497,657	143,145		78,935		4,425,327		3,892,879
Customer deposits	5,336,338	5,186,628		-		-	 -		-		5,336,338		5,186,628
	7,663,628	7,259,340	152,	045,205		123,531,731	 1,210,900		1,111,348		160,919,733		131,902,419
Total current liabilities	26,997,305	26,254,042	171,	754,657	-	142,564,792	 18,220,974		15,558,336	-	216,972,936		184,377,170
Total liabilities	74,729,036	76,876,892	374,	076,504		320,488,141	 47,727,730		47,669,490		496,533,270		445,034,523
Total fund equity and liabilities	\$ 295,831,904	\$ 307,016,114	\$ 726,	529,212	\$	649,754,601	\$ 654,244,920	\$	625,820,604	\$	1,676,606,036	\$	1,582,591,319

#### SCHEDULE OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS BY DEPARTMENT

#### ENTERPRISE FUND

#### For the years ended December 31, 2004 and 2003

	Water	System	Sewerag	ge System	Drainag	e System	Та	otal
	2004	2003	2004	2003	2004	2003	2004	2003
Operating revenues:								
Sales of water and delinquent fees	\$ 54,234,144	\$ 54,997,831		\$ -	\$ -	\$ -	\$ 54,234,144	54,997,831
Sewerage service charges		-	72,252,114	62,328,695	-	-	72,252,114	62,328,695
Plumbing inspection and license fees	116,574	107,821	116,573	107,821	-	-	233,147	215,642
Other revenues	2,087,717	1,182,015	284,927	56,689	971,224	857,101	3,343,868	2,095,805
Total revenues	56,438,435	56,287,667	72,653,614	62,493,205	971,224	857,101	130,063,273	119,637,973
Operating Expenses:								
Power and pumping	11,826,156	10,028,943	2,440,968	2,354,570	8,067,310	6,955,582	22,334,434	19,339,095
Treatment	4,606,400	4,758,174	12,525,522	12,317,373	-	-	17,131,922	17,075,547
Transmission and distribution	12,096,326	11,769,736	6,665,576	6,459,148	2,084,779	2,095,424	20,846,681	20,324,308
Customer accounts	1,312,879	1,256,745	1,312,872	1,256,741	-	-	2,625,751	2,513,486
Customer service	1,427,818	1,410,515	1,427,813	1,410,510	-	-	2,855,631	2,821,025
Administration and general	6,152,906	5,375,625	5,783,280	4,986,324	3,042,778	2,172,303	14,978,964	12,534,252
Payroll related	9,200,225	8,278,123	5,688,557	5,109,709	3,906,082	3,309,455	18,794,864	16,697,287
Maintenance of general plant	5,071,780	4,927,602	2,535,024	2,525,788	3,157,752	3,110,546	10,764,556	10,563,936
Depreciation	13,761,902	13,086,767	11,869,932	10,827,088	12,969,094	11,567,100	38,600,928	35,480,955
Amortization	17,038	62,529	266,500	97,464	11,618	28,135	295,156	188,128
Provision for doubtful accounts	1,533,473	1,047,585	1,184,703	837,166	-	20,155	2,718,176	1,884,751
Provision for claims	54,648	81,248	1,079,493	2,159,310	1,752,753	1,432,634	2,886,894	3,673,192
Total operating expenses	67,061,551	62,083,592	52,780,240	50,341,191	34,992,166	30,671,179	154,833,957	143,095,962
Operating income (loss)	(10,623,116)	(5,795,925)	19,873,374	12,152,014	(34,020,942)	(29,814,078)	(24,770,684)	(23,457,989)
Non-operating revenues:								
Two-mill tax	-	-	-	-	5,192	7,423	5,192	7,423
Three-mill tax	-	-	-	-	12,199,559	11,031,057	12,199,559	11,031,057
Six-mill tax		-	-	-	12,352,092	11,169,139	12,352,092	11,169,139
Nine-mill tax	_	_			18,508,104	16,735,885	18,508,104	16,735,885
Other taxes	331,223	342,945	413,099	427,718	10,500,104	10,755,005	744,322	770,663
Interest income		- 542,945	46,551	275,061	1,305,874	756,532	1,352,425	1,031,593
Total non-operating revenues	331,223	342,945	459,650	702,779	44,370,821	39,700,036	45,161,694	40,745,760
Income before capital contributions	(10,291,893)	(5,452,980)	20,333,024	12,854,793	10,349,879	9,885,958	20,391,010	17,287,771
•			, ,		, ,		· · ·	
Capital contributions	1,255,539	1,376,390	2,853,224	6,707,963	18,016,197	44,970,303	22,124,960	53,054,656
Change in net assets	(9,036,354)	(4,076,590)	23,186,248	19,562,756	28,366,076	54,856,261	42,515,970	70,342,427
Net assets, beginning of year	230,139,222	234,215,812	329,266,460	309,703,704	578,151,114	523,294,853	1,137,556,796	1,067,214,369
Net assets, end of year	\$ 221,102,868	\$ 230,139,222	\$ 352,452,708	\$ 329,266,460	\$ 606,517,190	\$ 578,151,114	\$ 1,180,072,766	\$ 1,137,556,796
See independent auditors' report								

### SCHEDULE OF PROPERTY, PLANT, AND EQUIPMENT BY DEPARTMENT

### DECEMBER 31, 2004 AND 2003

			2004		
	 Water	Sewer		Drainage	Total
Real estate rights, non depreciable	\$ 2,898,138	\$ 922,911	\$	4,810,948	\$ 8,631,997
Power and pumping stations - buildings	52,769,709	25,650,685		174,361,906	252,782,300
Power and pumping stations - machinery	110,516,493	28,922,194		90,795,312	230,233,999
Distribution systems	118,769,391	-		-	118,769,391
Sewerage collection	-	191,983,305		-	191,983,305
Canals and subsurface drainage	-	-		277,039,373	277,039,373
Treatment plants	-	117,214,963		-	117,214,963
Connections and meters	29,224,493	12,749,974		-	41,974,467
Power transmission	8,817,200	5,358,903		11,662,230	25,838,333
General plant	93,028,170	65,803,768		48,322,310	207,154,248
General buildings	 3,088,445	 1,336,972		4,852,009	 9,277,426
Total property, plant and					
equipment in service	419,112,039	449,943,675		611,844,088	1,480,899,802
Construction in progress	 36,110,449	 188,336,420		121,069,465	 345,516,334
Total property, plant and equipment	455,222,488	638,280,095		732,913,553	1,826,416,136
Accumulated depreciation	 215,202,924	 161,027,243		170,743,056	 546,973,223
Net property, plant and eqiupment	\$ 240,019,564	 477,252,852		562,170,497	 1,279,442,913

		20	003	
-	Water	Sewer	Drainage	Total
Real estate rights, non depreciable \$	2,898,138 \$	905,876	\$ 4,768,886 \$	8,572,900
Power and pumping stations - buildings	52,384,607	25,561,288	171,752,878	249,698,773
Power and pumping stations - machinery	109,565,504	28,925,136	90,439,652	228,930,292
Distribution systems	118,796,243		-	118,796,243
Sewerage collection	-	162,526,854	-	162,526,854
Canals and subsurface drainage	-	-	211,459,311	211,459,311
Treatment plants	-	112,975,457	-	112,975,457
Connections and meters	28,612,472	12,855,970	-	41,468,442
Power transmission	8,817,200	5,358,903	11,407,980	25,584,083
General plant	85,295,730	58,875,757	45,399,193	189,570,680
General buildings	3,088,445	1,336,972	4,852,009	9,277,426
Total property, plant and				
equipment in service	409,458,339	409,322,213	540,079,909	1,358,860,461
Construction in progress	29,991,931	161,533,127	154,425,755	345,950,813
Total property, plant and equipment	439,450,270	570,855,340	694,505,664	1,704,811,274
A survey late d denne sistion	201 824 424	152 476 460	157 039 026	512 228 020
Accumulated depreciation	201,824,424	152,476,460	157,928,036	512,228,920
Net property, plant and eqiupment \$	237,625,846	418,378,880	536,577,628	1,192,582,354
=	237,023,040	+10,570,000	550,577,020	1,172,302,334

#### SEWERAGE AND WATER BOARD OF NEW ORLEANS SCHEDULE OF BONDS PAYABLE December 31, 2004

	Average Annual Interest Rates	Interest Payment Dates	Issue Date	Final Maturity Date	Outstanding as of 12/31/2003	New Debt in 2004	Payments in 2004	Outstanding as of 12/31/2004
Drainage System Bonds Series 1998 (9-Mills)	4.84%	(6/1;12/1)	12/01/98	12/01/18	8,320,000		390,000	7,930,000
Drainage System Bonds Series 2002 (9-Mills)	4.46%	(6/1;12/1)	10/01/02	12/01/22	19,490,000		535,000	18,955,000
					27,810,000	-	925,000	26,885,000
Sewer Revenue Bonds, 1997	5.36%	(6/1;12/1)	06/01/97	06/01/17	24,335,000	-	1,170,000	23,165,000
Sewer Revenue Bonds, 1998	4.82%	( 6/1;12/1 )	12/01/98	06/01/18	21,050,000	-	985,000	20,065,000
Sewer Revenue Bonds, 2000	5.48%	(6/1;12/1)	05/01/00	06/01/20	24,480,000	-	870,000	23,610,000
Sewer Revenue Bonds, 2000-B	5.43%	(6/1;12/1)	11/01/00	06/01/20	18,710,000	-	680,000	18,030,000
Sewer Revenue Bonds, 2001	5.02%	( 6/1;12/1 )	12/01/01	06/01/21	30,690,000	-	1,145,000	29,545,000
Sewer Revenue Bonds, 2002	4.36%	(6/1;12/1)	12/01/02	06/01/22	55,365,000	-	1,725,000	53,640,000
Sewer Revenue Bonds, 2003	3.94%	(6/1;12/1)	12/03/03	06/01/23	5,500,000	-	140,000	5,360,000
Sewer Revenue Bond Anticipation Notes, 2003	2.00%	(8/1)	12/03/03	08/01/04	111,800,000	-	111,800,000	-
Sewer Revenue Bonds, 2004	4.26%	(6/1;12/1)	12/01/04	06/01/24	-	33,000,000	-	33,000,000
Sewer Revenue Refunding Bond Anticipation Notes, 2004	2.75%	(7/29)	07/30/04	07/29/05	-	111,800,000	-	111,800,000
Sewer Revenue Bond Anticipation Notes, 2004	2.50%	(7/29)	12/16/04	07/29/05		25,200,000		25,200,000
					291,930,000	170,000,000	118,515,000	343,415,000
Water Revenue Bonds, 1998	4.82%	( 6/1;12/1 )	12/01/98	12/01/18	13,475,000	-	630,000	12,845,000
Water Revenue Bonds, 2002	4.57%	(6/1;12/1)	10/01/02	12/01/22	34,000,000	-	945,000	33,055,000
					47,475,000	-	1,575,000	45,900,000
TOTAL					367,215,000	170,000,000	121,015,000	416,200,000

See independent auditors' report.

Schedule 4

#### SCHEDULE OF CASH RECEIPTS AND DISBURSEMENTS DEBT SERVICE AND DEBT SERVICE RESERVE REQUIRED BY BOND RESOLUTION

For the year ended December 31, 2004

		Debt Service Accoun	t	Debt	counts	
	Water Revenue Bonds	Sewer Revenue Bonds	Total	Water Revenue Bonds	Sewer Revenue Bonds	Total
Cash and investments at beginning of year	\$ 626,099	\$ 6,114,015	\$ 6,740,114	\$ 3,928,380	\$ 15,895,657	\$ 19,824,037
Cash receipts: Bond proceeds and accrued interest Transfers from operating cash and debt service reserve	3,754,270	112,011,000 19,320,913	112,011,000 23,075,183	- 	2,430,031	2,430,031
Total cash and investments	4,380,369	137,445,928	141,826,297	3,928,380	18,325,688	22,254,068
Cash disbursements: Principal and interest payments, cost of issuance and transfers	3,752,093	129,069,878	132,821,971			
Total cash disbursements	3,752,093	129,069,878	132,821,971			
Cash and investments at end of year	\$ 628,276	\$ 8,376,050	\$ 9,004,326	\$ 3,928,380	\$ 18,325,688	\$ 22,254,068

See independent auditors' report.

Schedule 5

### Schedule 6

### SEWERAGE AND WATER BOARD OF NEW ORLEANS

Changes in Self-Insurance Liabilities By Department For the Year ended December 31, 2004

		Beginning of Year	1	Current Year Claims and Estimate Change		Payments		End of Year
WATER								
Short-term:								
Workers' compensation	\$	348,625	\$	857,218	\$	832,378	\$	373,465
Health insurance		1,056,801		4,969,499		4,978,759		1,047,541
General liability		5,555,943		(663,171)		347,380		4,545,392
Total short-term		6,961,369		5,163,546		6,158,517		5,966,398
Long-term:								
Workers' compensation		2,226,154		(139,398)		-		2,086,756
General liability		1,950,000		-	_	1,050,000		900,000
Total long-term		4,176,154		(139,398)	_	1,050,000	_	2,986,756
Total	\$	11,137,523	\$	5,024,148	\$	7,208,517	\$	8,953,154
SEWERAGE								
Short-term:								
Workers' compensation	\$	348,625	\$	857,220	\$	832,381	\$	373,464
Health insurance		625,454		3,064,968		3,070,449		619,973
General liability		6,598,948		361,672	_	383,880		6,576,740
Total short-term		7,573,027	_	4,283,860		4,286,710	_	7,570,177
Long-term:								
Workers' compensation		2,226,154		(139,398)		-		2,086,756
General liability		-		-		-		-
Total long-term	_	2,226,154	_	(139,398)	_	-		2,086,756
Total	\$	9,799,181	\$	4,144,462	\$	4,286,710	\$	9,656,933
DRAINAGE								
Short-term:								
Workers' compensation	\$	348,624	\$	857,217	\$	832,377	\$	373,464
Health insurance		474,482		2,175,389		2,179,547		470,324
General liability		7,875,609		1,034,935	_	350,580		8,559,964
Total short-term		8,698,715	_	4,067,541		3,362,504		9,403,752
Long-term:								
Workers' compensation		2,226,154		(139,398)		-		2,086,756
General liability		3,000,000		-		1,500,000		1,500,000
Total long-term		5,226,154	_	(139,398)	_	1,500,000	_	3,586,756
Total	\$	13,924,869	\$	3,928,143	\$	4,862,504	\$	12,990,508
TOTAL								
Short-term:								
Workers' compensation	\$	1,045,874	\$	2,571,655	\$	2,497,136	\$	1,120,393
Health insurance		2,156,737		10,209,856		10,228,755		2,137,838
General liability		20,030,500		733,436		1,081,840		19,682,096
Total short-term		23,233,111		13,514,947	_	13,807,731		22,940,327
Long-term:								
Workers' compensation		6,678,462		(418,194)		-		6,260,268
General liability		4,950,000	_	-	_	2,550,000	_	2,400,000
Total long-term	_	11,628,462	_	(418,194)		2,550,000		8,660,268
Total	\$	34,861,573	\$	13,096,753	\$_	16,357,731	\$	31,600,595

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The Sewerage and Water Board's Welding and Fabrication and Machine Shops manufacture replacement parts for the sewer, water and drainage systems. A rusted and failing suction eye from a drainage pump will be replaced by a newly fabricated one being built to exact specifications. The suction eye is attached to the intake side of the pump volute which houses the pump's impeller(upper left) and is connected to the intake or suction pipe. The rotating impeller draws drainage water and propels it through the discharge port of the volute.





## CAPITAL EXPENDITURES BY DEPARTMENT

## ENTERPRISE FUND

### Last Ten Fiscal Years (Unaudited)

Year	_	Water	Sewer	Drainage	Total
1995	\$	11,783,818	14,238,109	9,014,933	35,036,860
1996		16,800,825	13,987,572	6,891,995	37,680,392
1997		17,123,523	20,385,974	10,339,467	47,848,964
1998		16,150,082	22,236,831	9,162,998	47,549,911
1999		15,396,620	29,211,401	8,758,788	53,366,809
2000		13,001,122	21,609,266	12,976,071	47,586,459
2001		12,586,744	51,226,639	52,859,310 <sup>1</sup>	116,672,693
2002		11,540,814	43,269,622	57,048,889	111,859,325
2003		14,531,801	49,419,442	64,155,080	128,106,323
2004		15,772,218	67,424,755	38,407,889	121,604,862

<sup>1</sup> Includes contributed assets

## **REVENUE AND EXPENSES BY SOURCE** ENTERPRISE FUND Last Ten Years (Unaudited)

Revenues	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Charges for service	\$ 93,746,543	\$ 93,288,660	\$ 91,931,554	\$ 93,640,920	\$ 94,838,488	\$ 104,136,436	\$ 101,387,729	\$ 107,087,709	\$ 117,542,168	\$ 126,719,405
Dedicated taxes	28,144,310	28,939,562	30,216,975	32,120,157	32,857,027	36,294,103	38,021,882	36,826,269	38,936,081	43,059,755
Two-mill tax	94,551	17,676	17,366	20,017	11,811	6,348	10,726	5,058	7,423	5,192
Interest on investments	7,813,226	6,729,404	7,949,404	5,877,860	3,468,929	6,087,145	3,956,010	1,616,307	1,031,593	1,352,425
Other taxes and revenue	2,091,070	1,930,732	2,051,846	2,709,878	1,975,775	2,508,502	3,134,686	2,607,834	2,866,468	4,088,190
	\$ 131,889,700	\$ 130,906,034	\$ 132,167,145	\$ 134,368,832	\$ 133,152,030	\$ 149,032,534	\$ 146,511,033	\$ 148,143,177	\$ 160,383,733	\$ 175,224,967
Expenses	1995	1996	1997	1999	1999	2000	2001	2002	2003	2004
Personnel services*	\$ 45,053,530	\$ 47,873,886	\$ 51,540,718	\$ 48,316,625	\$ 46,924,868	\$ 45,955,695	\$ 45,544,701	\$ 47,719,045	\$ 49,759,541	\$ 52,956,446
Services and utilities	29,956,993	32,732,388	32,518,005	31,368,417	33,564,383	40,576,321	43,554,817	40,228,571	46,120,890	48,738,878
Materials and supplies	8,301,900	9,423,809	9,714,832	8,711,943	9,562,704	8,098,236	8,299,514	7,730,507	5,988,505	8,637,479
Miscellaneous	-	-	-	-	-	-	-	-	-	-
Depreciation and										
amortization	23,651,539	25,098,375	26,058,333	26,898,861	27,628,934	28,581,624	34,503,058	34,681,763	35,669,083	38,896,084
Provision for doubtful										
accounts	1,024,383	1,185,345	995,435	837,177	1,002,267	1,071,194	1,661,267	1,842,958	1,884,751	2,718,176
Provision for claims	3,862,241	5,265,081	7,154,016	7,199,793	7,165,150	11,379,397	7,452,510	4,934,366	3,673,192	2,886,894
Interest	2,834,930	2,244,315	2,599,896	2,858,224						
	\$ 114,685,516	\$ 123,823,199	\$ 130,581,235	\$ 126,191,040	\$ 125,848,306	\$ 135,662,467	\$ 141,015,867	\$ 137,137,210	\$ 143,095,962	\$ 154,833,957

Note: Years prior to 2001 have not been restated for impact of GASB 33. \* - 1995 to 1997 restated for the adoption of GASB Statement No. 27.

Property Tax Levies and Collections by the City of New Orleans

# Last Ten Fiscal Years

(Unaudited - Amounts in Thousands)

			Collected Through			Balance O	U	Collected		
Fiscal			December 31, 2			at December			ng 2003 (2)	
Year		tal Levied	Amount	Percent		Amount	Percent	ŀ	Amount	
Real Estate Taxes	s:									
1994	\$	146,451	144,671	98.78 %	\$	1,834	1.25 %	\$	110	
1995	Ψ	145,005	142,944	98.58	Ψ	2,061	1.42	Ψ	242	
1996		155,297	153,082	98.57		2,215	1.43		216	
1997		157,517	155,047	98.43		2,470	1.57		421	
1998		163,715	160,686	98.15		3,029	1.85		551	
1999		172,016	169,255	98.39		2,761	1.61		1,005	
2000		199,666	195,630	97.98		4,036	2.02		1,706	
2001		209,441	205,464	98.10		3,977	1.90		1,782	
2002		214,088	208,261	97.28		58,274	2.72		7,543	
2003		217,039	205,934	94.88		11,105	5.12		205,934	
Personal Property	v Taxes	5:								
1994	\$	74,955	71,142	94.91	\$	3,813	5.09	\$	-	
1995		79,258	75,418	95.16		3,840	4.84			
1996		85,470	78,329	91.65		7,141	8.35		38	
1997		88,126	83,449	94.69		4,677	5.31		68	
1998		94,777	88,587	93.48		6,190	6.53		76	
1999		98,467	93,222	94.67		5,245	5.33		142	
2000		105,951	98,824	93.27		7,127	6.73		272	
2001		110,058	99,082	90.03		10,976	9.97		1,363	
2002		105,378	93,913	89.12		11,465	10.88		2,883	
2003		110,691	99,402	89.80		11,289	10.20		99,402	

(2) The latest date available for Property Tax Levies and Collections by the City of New Orleans is the year ended December 31, 2003

Assessed and Estimated Actual Value of Taxable Property

### Last Ten Fiscal Years (Unaudited)

### (Amount in thousands)

### Ratio of Total

#### Net Assessed

Fiscal	Net Asses	ssed Value	Total Net	Total Estimated	to Total Estimated		
Year	Real Estate	Personal Property	Assessed Value	Actual Value(1)	Actual Value		
1994	894,733	467,805	1,362,538	10,787,818	12.6 %		
1995	885,899	467,699	1,353,598	10,711,391	12.6 %		
1996	948,777	533,300	1,482,077	11,687,684	12.7 %		
1997	960,554	548,893	1,509,447	11,892,583	12.7 %		
1998	977,783	578,256	1,556,039	12,236,013	12.7 %		
1999	1,013,240	592,741	1,605,981	12,636,496	12.7 %		
2000	1,159,821	628,860	1,788,681	14,133,694	12.7 %		
2001	1,214,098	651,744	1,865,842	14,751,485	12.6 %		
2002	1,231,764	619,368	1,851,132	14,687,067	12.6 %		
2003	1,211,212	664,531	1,875,742	14,654,238	12.8 %		

Source: City of New Orleans Annual Financial Report

2003 - Latest year for which information is available.

(1) Amounts are net of the homestead exemption.

### Property Tax Rates - Direct and Overlapping Governments

Number of Mills (Per \$1,000 of assessed value)

> Last Ten Fiscal Years (Unaudited)

Fiscal <u>Year</u>	City of <u>New Orleans</u>	Orleans Levee Board	Sewerage & Water Board of <u>New Orleans</u>	Orleans Parish <u>School Board</u>	Audubon Park & <u>Zoo</u>	Total
1995	75.90	12.01	22.59	45.10	4.55	161.34
1996	77.09	12.01	22.59	45.40	4.55	161.64
1997	77.09	12.01	22.59	45.40	4.55	161.64
1998	77.09	12.01	22.59***	45.40	4.55	161.64
1999	77.09	12.01	22.59***	51.10	4.55	167.26
2000	77.09	12.76	22.59***	52.70	4.55	172.69
2001	77.09	12.76	22.59***	53.05*	4.55	170.04
2002	77.09	12.01	22.59***	52.98	4.55	146.63
2003	77.09	12.01	22.59***	52.70	4.55	168.94
2004	78.59	12.76	22.59	52.80	4.55	171.29

Source: City of New Orleans

\*The Homestead Exemption is not allowed for the new 9-Mill Police and Fire Tax.

\*\*Millage rates were adjusted upward to compensate for a decrease in assessment values.

\*\*\*3 mills adopted in 1967 Expires in 2017

\*\*\*6 mills adopted in 1978 Expires in 2027

\*\*\*9 mills adopted in 1982 expires in 2032

### Computation of Direct and Overlapping Debt

### December 31, 2004 (Unaudited)

	Net Outstanding Debt	Percentage Overlapping	Overlapping Debt
Direct debt:			
Sewerage and Water Board, net of debt service funds (tax bonds only)	\$26,885,000	100%	\$26,885,000
Overlapping debt:			
City of New Orleans	650,761,000	100%	650,761,000
Audubon Park Commission	54,149,000	100%	54,149,000
Orleans Parish School Board (1)	287,318,000	100%	287,318,000
Orleans Levee District (1)	78,360,000	100%	78,360,000
Total overlapping debt	1,070,588,000	100%	1,070,588,000
Total direct and overlapping debt	\$1,097,473,000	100%	\$1,097,473,000

(1) The fiscal year of the Orleans Parish School Board and Orleans Levee District ends on June 30th; overlapping debt is based on June 30, 2003 financial information.

## REVENUE BONDS DEBT SERVICE COVERAGE

### WATER BONDS

# Last Ten Fiscal Years (Unaudited)

Fiscal	Operating	Direct Operating	Net Revenue Available for Debt Services			Debt Service Requirement*						
Year	 Revenue	 Expenses*	D	ebt Services	-		Principal	. <u> </u>	Interest		Total	 overage
1995	\$ 58,722,644	\$ 41,011,216	\$	17,711,428		\$	2,385,000	\$	989,625	\$	3,374,625	5.25
1996	58,585,014	45,625,080		12,959,934			2,405,000		827,445		3,232,445	4.01
1997	57,147,602	47,868,432		9,279,170			2,335,000		661,500		2,996,500	3.10
1998	57,884,614	44,254,625		13,629,989			1,760,000		498,050		2,258,050	6.04
1999	58,504,855	46,370,835		12,134,020			2,140,000		1,168,436		3,308,436	3.67
2000	59,374,827	49,712,488		9,662,339			2,590,000		1,023,436		3,613,436	2.67
2001	54,444,486	47,962,301		6,482,185			995,000		846,818		1,841,818	3.52
2002	55,870,142	45,801,952		10,068,190			1,050,000		782,068		1,832,068	5.50
2003	57,550,818	47,886,711		9,664,107			2,020,000		2,490,059		4,510,059	2.14
2004	57,955,617	51,749,138		6,206,479			925,000		1,288,948		2,213,948	2.80

\* Current year annual debt service payment

### REVENUE BONDS DEBT SERVICE COVERAGE

### SEWER BONDS

### Last Ten Fiscal Years (Unaudited)

DirectFiscalOperatingOperating						Net Revenue Available for		1	Debt Ser	vices Requiremen	ts*		
Year		Revenue		Expenses		Debt Services		Principal		Interest		Total	Coverage
1995	No o	utstanding bonds;	not appli	cable									
1996	1996     No outstanding bonds; not applicable												
1997	No o	utstanding bonds;	not appli	cable									
1998	\$	40,034,619	\$	31,703,857	\$	8,330,762	\$	800,000	\$	1,574,550	\$	2,374,550	3.51
1999		41,082,524		32,359,817		8,722,707		1,230,000		2,761,973		3,991,973	2.19
2000		49,677,971		35,549,015		14,128,956		1,745,000		2,682,686		4,427,686	3.19
2001		51,902,479		35,866,277		16,036,202		2,920,000		5,254,696		8,174,696	1.96
2002		54,195,717		31,418,205		22,777,512		4,250,000		6,766,471		11,016,471	2.07
2003		60,837,820		38,579,473		22,258,347		6,245,000		8,988,665		15,233,665	1.46
2004		72,434,733		39,459,105		32,975,628		6,715,000		10,343,878		17,058,878	1.93

\* Current year annual debt service payment

### SCHEDULE OF FUTURE DEBT PAYMENTS DECEMBER 31, 2004 (Unaudited)

		Water Revenue E	Bonds	
		Series 1998	Series 2002	All Bond Issues
2005	Principal	660,000	995,000	1,655,000
	Interest	603,043	1,507,113	2,110,156
2006	Principal	690,000	1,045,000	1,735,000
	Interest	562,618	1,477,263	2,039,881
2007	Principal	725,000	1,095,000	1,820,000
	Interest	534,155	1,445,913	1,980,068
2008	Principal	770,000	1,150,000	1,920,000
	Interest	504,068	1,413,063	1,917,131
2009	Principal	810,000	1,210,000	2,020,000
	Interest	471,728	1,377,125	1,848,853
2010	Principal	845,000	1,270,000	2,115,000
	Interest	436,493	1,334,775	1,771,268
2011	Principal	885,000	1,335,000	2,220,000
	Interest	398,468	1,287,150	1,685,618
2012	Principal	925,000	1,400,000	2,325,000
	Interest	358,643	1,233,750	1,592,393
2013	Principal	965,000	1,470,000	2,435,000
	Interest	315,630	1,177,750	1,493,380
2014	Principal	1,015,000	1,530,000	2,545,000
	Interest	269,793	1,104,250	1,374,043
2015	Principal	1,060,000	1,595,000	2,655,000
	Interest	221,580	1,027,750	1,249,330
2016	Principal	1,110,000	1,665,000	2,775,000
	Interest	170,700	948,000	1,118,700
2017	Principal	1,165,000	1,740,000	2,905,000
	Interest	116,865	864,750	981,615
2018	Principal	1,220,000	1,820,000	3,040,000
	Interest	59,780	777,750	837,530
2019	Principal Interest		3,195,000 686,750	3,195,000 686,750
2020	Principal Interest		3,345,000 527,000	3,345,000 527,000
2021	Principal Interest		3,510,000 359,750	3,510,000 359,750
2022	Principal Interest		3,685,000 184,250	3,685,000 184,250
Total F Total I	Principal nterest	12,845,000 5,023,564 \$ 17,868,564	33,055,000 18,734,152 \$ 51,789,152	45,900,000 23,757,716 \$ 69,657,716

#### SCHEDULE OF FUTURE DEBT PAYMENTS DECEMBER 31, 2004 (Unaudited)

Sewer Revenue Bonds

_					Sewer Rev	venue Bonds				
-	Series 1997	Series 1998	Series 2000A	Series 2000B	Series 2001	Series 2002	Series bonds 2003	Series bonds 2004	Series bans 2004	All Bond Issues
2005 Principal	1,245,000	1,030,000	920,000	715,000	1,195,000	1,820,000	210,000	1,130,000	137,000,000	145,265,000
Interest	1,223,139	913,048	1,389,000	953,692	1,448,267	2,511,150	195,846	1,354,432	1,256,334	11,244,907
2006 Principal	1,330,000	1,075,000	975,000	760,000	1,250,000	1,920,000	215,000	1,160,000		8,685,000
Interest	1,142,670	859,976	1,332,150	902,068	1,381,030	2,445,450	189,471	1,346,094		9,598,909
2007 Principal	1,415,000	1,135,000	1,035,000	800,000	1,305,000	2,025,000	220,000	1,195,000		9,130,000
Interest	1,056,889	813,969	1,271,850	855,467	1,317,293	2,366,550	184,046	1,275,444		9,141,508
2008 Principal	1,490,000	1,200,000	1,095,000	850,000	1,360,000	2,135,000	225,000	1,235,000		9,590,000
Interest	975,420	764,634	1,207,950	814,218	1,242,370	2,283,350	179,371	1,202,544		8,669,857
2009 Principal	1,570,000	1,265,000	1,160,000	895,000	1,420,000	2,255,000	230,000	1,270,000		10,065,000
Interest	898,135	711,462	1,140,300	769,474	1,164,860	2,195,550	174,021	1,143,269		8,197,071
2010 Principal	1,655,000	1,320,000	1,230,000	950,000	1,485,000	2,380,000	235,000	1,320,000		10,575,000
Interest	815,070	654,750	1,068,600	721,042	1,100,240	2,102,850	167,856	1,099,594		7,730,002
2011 Principal	1,745,000	1,380,000	1,305,000	1,005,000	1,545,000	2,510,000	245,000	1,375,000		11,110,000
Interest	726,234	594,660	992,550	670,980	1,032,808	1,992,500	160,769	1,054,081		7,224,582
2012 Principal Interest	1,840,000 632,128	1,445,000 530,194	1,385,000 911,850	1,060,000 619,355	1,615,000 960,092	2,645,000 1,863,625	250,000 150,721	1,430,000 1,004,100		11,670,000 6,672,065
2013 Principal Interest	1,940,000 532,903	1,510,000 461,294	1,465,000 826,350	1,120,000 564,295	1,685,000 881,700	2,790,000 1,727,750	260,000 137,971	1,485,000 948,481		12,255,000 6,080,745
2014 Principal	2,050,000	1,585,000	1,555,000	1,185,000	1,760,000	2,945,000	270,000	1,545,000		12,895,000
Interest	426,884	388,165	735,750	504,925	798,140	1,584,375	126,611	880,156		5,445,007
2015 Principal	2,170,000	1,655,000	1,645,000	1,255,000	1,840,000	3,110,000	280,000	1,605,000		13,560,000
Interest	313,200	310,801	639,750	440,858	709,940	1,433,000	116,676	809,431		4,773,657
2016 Principal	2,290,000	1,735,000	1,745,000	1,325,000	1,930,000	3,280,000	290,000	1,680,000		14,275,000
Interest	192,780	228,791	538,050	371,825	616,610	1,273,250	106,091	743,731		4,071,129
2017 Principal	2,425,000	1,820,000	1,850,000	1,400,000	2,020,000	3,460,000	305,000	1,755,000		15,035,000
Interest	65,475	141,000	430,200	297,550	517,860	1,104,750	94,672	675,031		3,326,538
2018 Principal		1,910,000	1,960,000	1,480,000	2,120,000	3,650,000	315,000	1,835,000		13,270,000
Interest		47,750	315,900	218,350	414,360	927,000	82,463	603,231		2,609,054
2019 Principal			2,080,000	1,570,000	2,225,000	3,850,000	330,000	1,915,000		11,970,000
Interest			194,700	134,475	304,344	739,500	69,563	527,034		1,969,616
2020 Principal			2,205,000	1,660,000	2,335,000	4,060,000	345,000	2,000,000		12,605,000
Interest			66,150	45,650	187,494	541,750	55,847	445,038		1,341,928
2021 Principal					2,455,000	4,285,000	360,000	2,100,000		9,200,000
Interest					63,830	333,125	41,081	356,600		794,636
2022 Principal						4,520,000	380,000	2,210,000		7,110,000
Interest						113,000	25,356	262,319		400,675
2023 Principal							395,000	2,320,000		2,715,000
Interest							8,641	2,320,000		170,416
							-	,		,
2024 Principal								2,435,000		2,435,000
Interest								54,788		54,788
Total Principal	23,165,000	20,065,000	23,610,000	18,030,000	29,545,000	53,640,000	5,360,000	33,000,000	137,000,000	343,415,000
Total Interest	9,000,927 \$ 32,165,027	7,420,494 \$ 27,485,494	13,061,100 \$36,671,100	8,884,224	14,141,238 \$43,686,238	27,538,525	2,267,074 \$ 7,627,074	15,947,172 \$ 48,947,172	1,256,334 \$ 138,256,334	99,517,088 \$ 442,932,088
-	\$ 32,165,927	\$ 27,485,494	\$ 30,0/1,100	\$ 26,914,224	\$ 43,080,238	\$ 81,178,525	\$ 7,627,074	ə 40,947,172	\$ 138,230,334	ə 442,932,088

### SCHEDULE OF FUTURE DEBT PAYMENTS DECEMBER 31, 2004 (Unaudited)

	_	Drainage Revenue Bonds							
		Series	Series	All Bond					
		1998	2002	Issues					
2005	Principal	405,000	560,000	965,000					
	Interest	371,742	861,316	1,233,058					
2006	Principal	425,000	590,000	1,015,000					
	Interest	350,986	827,716	1,178,702					
	~ · · ·								
2007	Principal	450,000	620,000	1,070,000					
	Interest	333,560	792,316	1,125,876					
2008	Principal	475,000	650,000	1,125,000					
	Interest	314,660	755,116	1,069,776					
2000	D · · 1	500.000	(05.000	1 105 000					
2009	Principal	500,000	685,000	1,185,000					
	Interest	294,472	716,116	1,010,588					
2010	Principal	520,000	715,000	1,235,000					
	Interest	272,722	675,016	947,738					
2011	Dringing	545,000	755,000	1,300,000					
2011	Principal Interest	249,582	647,310	896,892					
	Interest	249,382	047,310	890,892					
2012	Principal	570,000	790,000	1,360,000					
	Interest	224,786	621,263	846,049					
2013	Principal	595,000	830,000	1,425,000					
2015	Interest	198,280	593,218	791,498					
		,							
2014	Principal	625,000	865,000	1,490,000					
	Interest	170,018	560,018	730,036					
2015	Principal	655,000	900,000	1,555,000					
	Interest	140,018	525,418	665,436					
2016	D · · 1	(05.000							
2016	Principal	685,000	940,000	1,625,000					
	Interest	108,250	489,418	597,668					
2017	Principal	720,000	985,000	1,705,000					
	Interest	74,000	450,878	524,878					
••••	<b>D</b> · · · 1		1 0 0 0 0 0						
2018	Principal	760,000	1,030,000	1,790,000					
	Interest	38,000	38,000	76,000					
2019	Principal		1,870,000	1,870,000					
	Interest		365,218	365,218					
2020	Dringing		1 060 000	1 060 000					
2020	Principal Interest		1,960,000 282,938	1,960,000 282,938					
	merest		282,938	282,958					
2021	Principal		2,055,000	2,055,000					
	Interest		194,738	194,738					
2022	Principal		2,155,000	2,155,000					
2022	Interest		100,208	100,208					
<b>—</b> • -				<u> </u>					
	rincipal	7,930,000	18,955,000	26,885,000					
Total I	nterest	3,141,076 \$ 11,071,076	9,496,218	12,637,294					
		\$ 11,071,076	\$ 28,451,218	\$ 39,522,294					

### SCHEDULE OF FUTURE DEBT PAYMENTS DECEMBER 31, 2004

(Unaudited)

			All Departments			
		Water	Sewer	Drainage	Total	
2005	Principal Interest	1,655,000 2,110,156	145,265,000 11,244,907	965,000 1,233,058	147,885,000 14,588,121	
2006						
2006	Principal Interest	1,735,000 2,039,881	8,685,000 9,598,909	1,015,000 1,178,702	11,435,000 12,817,492	
2007	Principal	1,820,000	9,130,000	1,070,000	12,020,000	
2007	Interest	1,980,068	9,141,508	1,125,876	12,247,452	
2008	Principal	1,920,000	9,590,000	1,125,000	12,635,000	
	Interest	1,917,131	8,669,857	1,069,776	11,656,764	
2009	Principal	2,020,000	10,065,000	1,185,000	13,270,000	
	Interest	1,848,853	8,197,071	1,010,588	11,056,512	
2010	Principal	2,115,000	10,575,000	1,235,000	13,925,000	
	Interest	1,771,268	7,730,002	947,738	10,449,008	
2011	Principal	2,220,000	11,110,000	1,300,000	14,630,000	
	Interest	1,685,618	7,224,582	896,892	9,807,092	
2012	Principal	2,325,000	11,670,000	1,360,000	15,355,000	
	Interest	1,592,393	6,672,065	846,049	9,110,507	
2013	Principal	2,435,000	12,255,000	1,425,000	16,115,000	
	Interest	1,493,380	6,080,745	791,498	8,365,623	
2014	Principal	2,545,000	12,895,000	1,490,000	16,930,000	
	Interest	1,374,043	5,445,007	730,036	7,549,086	
2015	Principal Interest	2,655,000 1,249,330	13,560,000 4,773,657	1,555,000 665,436	17,770,000 6,688,423	
2016	Principal Interest	2,775,000 1,118,700	14,275,000 4,071,129	1,625,000 597,668	18,675,000 5,787,497	
2017						
2017	Principal Interest	2,905,000 981,615	15,035,000 3,326,538	1,705,000 524,878	19,645,000 4,833,031	
2018	Principal Interest	3,040,000 837,530	13,270,000 2,609,054	1,790,000 76,000	18,100,000 3,522,584	
2010						
2019	Principal Interest	3,195,000 686,750	11,970,000 1,969,616	1,870,000 365,218	17,035,000 3,021,584	
2020						
2020	Principal Interest	3,345,000 527,000	12,605,000 1,341,928	1,960,000 282,938	17,910,000 2,151,866	
2021				2,055,000		
2021	Principal Interest	3,510,000 359,750	9,200,000 794,636	194,738	14,765,000 1,349,124	
2022	Principal	3,685,000	7,110,000	2,155,000	12,950,000	
	Interest	184,250	400,675	100,208	685,133	
2023	Principal		2,715,000		2,715,000	
	Interest		170,416		170,416	
2024 Principal			2,435,000		2,435,000	
	Interest		54,788		54,788	
	Principal	45,900,000	343,415,000	26,885,000	416,200,000	
Total	Interest	23,757,716	<u>99,517,090</u> \$ 442,932,090	<u>12,637,294</u> \$ 39,522,294	<u>135,912,100</u> \$ 552,112,100	
		\$ 69,657,716	\$ 442,932,090	\$ 39,522,294	\$ 552,112,100	

## Property Value, New Construction and Bank Deposits

# Last Ten Fiscal Years (Unaudited)

	New Commercial Construction		New Residential Construction		Bank	Estimated actual
Fiscal Year	Number of units	Value (in thousands)	Number of units	Value (in thousands)	deposits (2) (in thousands)	Property value (1)
1994	904	77,500	2,993	98,675	6,068,343	10,787,818
1995	627	219,679	2,595	105,590	6,267,311	10,711,391
1996	160	28,921	2,163	79,469	7,011,280	11,688,518
1997	900	97,325	2,131	62,761	7,642,589	11,892,583
1998	184	49,028	1,962	104,227	7,965,886	12,237,720
1999	294	78,293	2,089	122,342	7,977,504	12,636,496
2000	325	135,665	2,223	136,686	7,984,473	14,133,694
2001	333	52,103	2,170	11,804	8,225,073	14,751,485
2002	305	76,057	2,371	133,259	7,858,864	15,426,274
2003	304	66,458	2,902	153,649	8,256,119	15,040,871
2004	478	211,395	1,097	115,758	9,416,433	

(1) City of New Orleans (2003 latest year for which information is available).

(2) Summary of Deposits (as of June 30, 2004) - bank branches located in New Orleans, Federal Depository Insurance Corporation.

# Ten Largest Taxpayers

# December 31, 2004 \* (Unaudited)

Name of Taxpayer	Type of <u>Business</u>	2,004 Assessed Value	Percentage of Total Assessed Value
Entergy Service	Electric and gas utilities	\$75,365,530	4.17%
BellSouth Telecommunications	Telephone utilities	60,994,780	3.37%
Hibernia National Bank	Banking	42,610,750	2.36%
Bank One	Banking	32,623,813	1.32%
Whitney National Bank	Banking	24,145,763	1.80%
Harrah's Entertainment	Casino	23,945,540	1.34%
Tenet	Health & Hospital	18,318,865	1.01%
International River Center	Shopping Mall; Hotel	14,241,180	0.76%
Marriott Hotel Properties	Hotel	13,727,520	0.79%
CS&M Associates	Commerical Real Estate	11,462,858	0.63%

Total

\$317,436,599 17.55%

\*Source: City of New Orleans



A major element of the Board's Sewer System Evaluation and Rehabilitation Program (SSERP) is the replacement of damaged, leaking or sinking manholes. Since 1998, approximately 4,800 sewer manholes have been repaired or replaced. Above, a manhole is under construction, and below, the completed structure is ready to be sealed into a new section of roadway.



### 2004 ACTUAL CAPITAL EXPENDITURES

### WATER DEPARTMENT

<u>C.P.#</u>	WATERWORKS	
110 122 135 156 157 159	Normal Extension & Replacement Filter Rehabilitation Improvement of Chemical System Advanced Carrollton Water Treatment Advanced Water Treatment Water Plant Security Improvements	\$ 1,892,287.39 370,640.00 9,250.00 343,771.13 26,164.80 379,974.87
	TOTAL WATERWORKS	\$ 3,022,088.19
	WATER DISTRIBUTION	
214 216 239	Normal Extensions & Replacements Water System Replacement Program Mains in Street Department Contracts	\$ 2,187,619.79 2,100.00 3,244,861.96
	TOTAL WATER DISTRIBUTION	\$ 5,434,581.75
	POWER PROJECTS EMERGENCY AND GENERAL BUDGET	
600 800	Water Share of Power Projects Water Share of General Budget Items	\$ 110,349.73 5,890,270.58
	TOTAL POWER PROJECTS, EMERGENCY AND GENERAL BUDGET	\$ 6,000,620.31
	TOTAL WATER DEPARTMENT	\$ 14,457,290.25

### 2004 ACTUAL CAPITAL EXPENDITURES

### SEWERAGE DEPARTMENT

<u>C.P.#</u>	SEWERAGE SYSTEM	
<u>308</u>	Sewer Rehab - "DPR Solutions"	\$ 719,539.93
313	Force Mains	618,024.99
317	Normal Extensions & Replacement of Gravity Mains	39,024,520.20
318	Rehabilitation Gravity Sewer System	863,702.90
326	Extensions & Replacement to Sewer Pumping Stations	1,425,025.22
339	Main in Streets Dept. Contracts	2,380,044.44
348	Normal Extensions & Replacement	7,809,270.99
358	EBSTP Extensions	1,298,300.00
367	Collection System Eval/Survey Uptown	 3,649,503.88
	TOTAL SEWERAGE SYSTEM	\$ 57,787,932.55
	SEWAGE TREATMENT	
381	Modification & Expansion of WBSTP to MGD	\$ 89,101.76
	TOTAL SEWAGE TREATMENT	\$ 89,101.76
	POWER PROJECTS AND GENERAL BUDGET	
600	Sewerage Share of Power Projects	\$ 31,534.18
800	Sewerage Share of General Budget Items	 5,165,538.11
	TOTAL POWER PROJECTS AND GENERAL BUDGET	\$ 5,197,072.29
	TOTAL SEWERAGE DEPARTMENT	\$ 63,074,106.60

### 2004 ACTUAL CAPIAL EXPENDITURES

### DRAINAGE DEPARTMENT

<u>C.P.#</u>	CANALS	
403	Improvements to Vehicular Bridges	\$ 140,716.18
404	Washington Ave. Canal Improvemments	32,600.00
418	Normal Extension & Replacements	64,807.65
439	SWB Part DrngTchoupitoulas Paving Project	1,091,275.02
471	C.O.E. Drainage Study	2,119,681.79
474	Terpsichore Canal	1,699,325.25
476	Hollygrove Canals	1,896,101.88
477	Eng. Design-Claiborne Manifold	1,838,675.55
478	S. Claiborne - Lowerline to Monticello Street	402,190.76
486	Napoleon Canal Improvements	963,202.27
496	General DeGaulle Canal	247,036.85
497	Florida Ave. Canal - Mazant to Peoples	245,503.88
498	Dwyer Canal (St. Charles to Dwyer DPS)	1,300.32
499	Jefferson Avenue Canal	 59,844.06
	TOTAL DRAINAGE CANALS	\$ 10,802,261.46
	PUMPING STATIONS	
511	Normal Extension & Rep./Stations	\$ 574,528.35
546	DPS#4 West-Build A 1000 CFS Station	77,468.05
550	Additions to Drainage Pumping Station #1	795,746.47
554	Expansion of Dwyer DPS	916,377.12
570	Pritchard DPS	 200,628.77
	TOTAL DRAINAGE PUMPING STATIONS	\$ 2,564,748.76
	POWER PROJECTS AND GENERAL BUDGET	
600	Drainage Share of Power Projects	\$ 3,712,543.21
703	Drainage Reserve for Emergency	142,514.77
800	Drainage Share of General Budget Items	 2,517,814.45
	TOTAL POWER PROJECTS AND GENERAL BUDGET	6,372,872.43
	TOTAL DRAINAGE DEPARTMENT	\$ 19,739,882.65

## 2004 ACTUAL CAPTIAL EXPENDITURES

POWER PROJECTS							
<u>C.P.#</u>	POWER PROJECTS	Water	Sewerage	Drainage	Total		
609	Normal Extensions & Replacements						
	Radio Equipment	1,660.50	4,342.80	6,769.69	12,772.99		
610	Underground Power Feeders			2,248,456.93	2,248,456.93		
613	Modification of Steam System	106,902.78	26,725.66	400,885.41	534,513.85		
614	Replacement of Broiler No. 2	126.00	31.50	472.50	630.00		
624	Normal Extensions & Replacements	1,660.45	434.22	5,910.62	8,005.29		
696	Switchgear and Motor Control - OPS #12			1,050,048.06	1,050,048.06		
703	Drainage Reserve For Emergencies			142,514.77	142,514.77		
	TOTAL POWER PROJECTS	\$110,349.73	\$31,534.18	\$3,855,057.98	\$3,996,941.89		

#### 2004 ACTUAL CAPITAL EXPENDITURES

#### GENERAL BUDGET ITEMS

<u>C.P.#</u>	General Budget Items	Water	Sewerage	Drainage	<u>Total</u>
803	Property Acquisition		\$ 2,155.50	\$ 8,025.00	\$ 10,180.50
807	Central Yard Improvement	39,973.95	39,973.95	8,883.10	88,831.00
810	Major Equipment Purchases	1,271,784.00	1,271,784.00	635,892.00	3,179,460.00
811	Plant Stationery Equipment	23,128.00	23,128.00	11,564.00	57,820.00
812	Computer Systems Development	213,379.43	207,389.77	207,389.69	628,158.89
820	Department, Yard and Administrative				
	Expense Charge to Capital	3,942,123.80	3,222,883.44	1,484,150.16	8,649,157.40
823	Purchase of Water Meters	235,967.23	235,967.18		471,934.41
843	Minor Equipment Purchases	163,914.17	161,910.34	161,910.50	487,735.01
860	Supplemental Enviromental Projects		345.93		345.93
	TOTAL GENERAL BUDGET ITEMS	\$ 5,890,270.58	\$ 5,165,538.11	\$ 2,517,814.45	\$ 13,573,623.14

NOTE: These figures do not include proration of interest expense.

# ANALYSIS OF PUMPING AND POWER DEPARTMENT POWER PURCHASED AND PRODUCED NATURAL GAS AND FUEL OIL CONSUMED TEN YEARS 1995 THROUGH 2004

YEAR	ELECTRIC PURCH		ELECTRIC & S GENERA		NATURAL GAS & FUEL OIL USED TO GENERATE ELECTRIC & STEAM POWER							
12/03			THE S		NATURA		FUEL OIL					
	KW-HRS \$ AMOUNT		KW-HRS	\$ AMOUNT	MCF	\$ AMOUNT	GALLONS	\$ AMOUNT				
1995	55,977,302	\$3,775,458	53,028,000	\$7,537,164	1,284,761	5,569,915	4,614	\$3,922				
1996	56,941,034	\$4,397,111	48,751,200	\$9,540,981	1,392,980	7,721,145	2,169	\$1,844				
1997	54,669,463	\$4,299,727	52,999,200	\$8,289,555	1,288,540	6,463,536	2,652	\$2,254				
1998	67,067,145	\$4,765,576	57,715,200	\$8,731,839	1,487,450	6,925,346	27,043	\$22,987				
1999	64,070,706	\$4,576,866	36,511,704	\$8,860,755	1,487,610	6,836,117	9,550	\$8,118				
2000	66,150,146	\$5,278,313	33,126,311	\$11,535,367	1,331,330	9,646,417	1,239	\$1,053				
2001	71,250,220	\$6,290,661	36,569,748	\$10,699,776	1,547,560	8,738,028	1,739	\$1,478				
2002	67,060,158	\$5,057,629	37,576,656	\$8,175,530	1,455,440	6,370,341	17,481	\$14,859				
2003	58,271,819	\$4,213,376	37,952,434	\$10,701,490	1,322,240	9,214,066	1,149	\$977				
2004	75,514,008	\$6,048,983	37,845,120	\$12,509,191	1,346,750	11,850,932	2,630	\$2,236				
TOTALS	636,972,001	\$27,093,050	282,131,615	\$54,495,661	8,272,671	43,162,476	47,267	\$40,177				

### POWER PURCHASED AND PRODUCED NATURAL GAS AND FUEL OIL CONSUMED - 2004

	KW-HOURS	COST
ELECTRIC POWER PURCHASED	75,514,008	\$6,048,982.61
ELECTRIC AND STEAM POWER GENERATED BY THE S.& W.B.*	37,845,120	\$12,509,190.85
TOTAL	113,359,128	\$18,558,173.46

NOTE: \*NATURAL GAS CONSUMED IN OPERATION WAS 1,346,750 MCF AT A COST OF \$11,850,932 FUEL OIL CONSUMED WAS 17,481 GALLONS AT A COST OF \$14,859.

Month	Monthly Consumption
January	1,699,620,900
February	1,633,094,100
March	1,585,626,400
April	1,555,144,700
May	1,750,925,900
June	1,648,032,000
July	1,822,248,100
August	1,796,134,400
September	1,853,150,400
October	1,813,754,100
November	1,763,180,400
December	1,824,015,300
Gross Total	20,744,926,700

# Gallons Metered - Pay Water Consumption - 2004

#### MONTHLY WATER CHARGES COLLECTED - 2004

	Water Service	Delinquent	
Months	Charges & Fees	Fees	Total
January	\$4,448,402.46	\$100,572.09	\$4,548,974.55
February	4,466,926.72	100,733.75	4,567,660.47
March	4,956,465.54	106,017.05	5,062,482.59
April	4,050,275.94	90,211.41	4,140,487.35
May	4,150,923.24	78,937.33	4,229,860.57
June	4,729,807.95	99,634.50	4,829,442.45
July	4,289,290.82	93,693.73	4,382,984.55
August	4,936,684.83	85,982.98	5,022,667.81
September	4,217,995.38	89,168.06	4,307,163.44
October	4,658,110.11	97,514.18	4,755,624.29
November	4,544,359.51	106,725.06	4,651,084.57
December	4,746,334.36	97,361.40	4,843,695.76
	\$54,195,576.86	\$1,146,551.54	55,342,128.40

#### MONTHLY SEWERAGE CHARGES COLLECTED - 2004

	Sewerage Service	Delinquent	
Months	Charges	Fees	Total
January	\$5,361,997.51	\$67,177.16	\$5,429,174.67
February	5,330,740.00	67,288.96	5,398,028.96
March	6,025,589.12	70,827.11	6,096,416.23
April	4,811,183.67	60,263.64	4,871,447.31
May	5,011,149.63	52,742.82	5,063,892.45
June	5,701,675.49	66,558.53	5,768,234.02
July	5,169,839.27	62,598.88	5,232,438.15
August	6,473,506.83	57,456.60	6,530,963.43
September	5,757,338.83	59,583.33	5,816,922.16
October	6,377,928.28	65,150.34	6,443,078.62
November	6,319,906.16	71,295.75	6,391,201.91
December	6,502,992.23	65,035.56	6,568,027.79
	\$68,843,847.02	\$765,978.68	\$69,609,825.70

TABLE I CARROLLTON TURBIDITIES

			River			Efflu	ent Se	ettling	Reser	voirs			Filters		
			(NTU)	)				(NTU)		(NTU)					
	2000	2001	2002	2003	2004	2000	2000 2001 2002 2003 2004					2001	2002	2003	2004
Maximum	261	294	312	394	155	10	16	9	8.4	11	0.28	0.88	0.49	0.60	0.33
Minimum	5	5	8	7	9	1.1	2.0	0.4	0.4	1.2	0.08	0.07	0.07	0.08	0.05
Average	52 91 62 52 64					3.5	5.0	1.8	1.4	3.1	0.13	0.15	0.16	0.15	0.12

#### TABLE II CARROLLTON ALKALINITIES PARTS PER MILLION

			River			Efflu	ent Se	ettling	Reser	voirs	Filters				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Maximum	159	158	155	140	136	154	150	144	118	148	129	125	141	115	147
Minimum	82	78	79	70	74	65	70	61	60	67	61	55	55	58	62
Average	120	116	111	103	105	111 109 86 85 110					93	91	85	84	110

#### TABLE II A CARROLLTON HARDNESS PARTS PER MILLION

		NON-CARBONATE HARDNESS									TOTAL HARDNESS									
		RIVER FILTERS									RIVER					FILTERS				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Maximum	72	59	66	64	61	79	75	68	77	74	203	202	187	177	182	184	173	190	171	200
Minimum	21	15	11	12	20	37	31	24	36	34	118	103	108	98	107	115	107	105	106	121
Average	43	- 38	34	38	38	56	51	48	55	54	164	155	144	142	143	149	142	133	139	164

#### TABLE III CARROLLTON BACTERIAL CHARACTERISTICS Total Coliform Analysis

2004	River	Plant Tap	Distribution System
Maximum (Colonies / 100 ml)	9,800	10	2
Minimum (Colonies / 100 ml)	23	0	0
Average (colonies / 100 ml)	965	0	0
Number of Samples	342	361	2,215
Number of Samples Negative	0	359	2,209
Number of Samples Positive	342	2	6*

\* None of the total coliform positive samples were fecal coliform positive, and none resulted in a violation of the Total Coliform Rule.

#### TABLE IV-A

#### PRINCIPLE RESULTS OF OPERATION OF THE G3 CONVENTIONAL UNIT AT THE CARROLLTON WATER PURIFICATION PLANT FOR THE YEAR ENDING December 31, 2004

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Month		Total Million Gallons of Water Treated During Month	Amount of Water Treated Million Gallons Per 24 Hours	Total Pounds of Polymer used at Intake	Polymer at Intake Parts Per Million	Total Pounds of Polymer used in Plant	Polymer in Plant Parts Per Million	Total Pounds of Pure Iron (Fe) used During Month	Pure Iron (Fe) Parts Per Million	Total Pounds of Lime used During Month	Lime Parts Per Million	NTU Turbidity of River Water	PPM Alkalinity of River Water	NTU Turbidity of Unit Effluen
	Max.		0.00		0.00		0.00		0.00		0.00	149	118	
January	Min.	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	47	87	
	Avg.		0.00		0.00		0.00		0.00		0.00		102	
	Max.		0.00		0.00		0.00		0.00		0.00	146	109	
February	Min.	0.00		0		0	0.00	0	0.00	0	0.00		74	
	Avg.		0.00		0.00		0.00		0.00		0.00	96	92	
	Max.		0.00		0.00		0.00		0.00		0.00	155	111	
March	Min.	0.00	0.00	0		0	0.00	0	0.00	0		55	81	
	Avg.		0.00		0.00		0.00		0.00		0.00		98	
	Max.		0.00		0.00		0.00		0.00		0.00	91	116	
April	Min.	0.00		0		0	0.00	0	0.00	0	0.00	40	100	
	Avg.		0.00		0.00		0.00		0.00		0.00	59	110	
	Max.	4 000 00	96.79	44.040	0.94	74 707	4.55	04.040	5.16		0.00	85	111	7.6
May	Min.	1,939.00	52.79	14,246	0.74	71,767	3.99	81,212		0		35 56	77 94	1.0
	Avg. Max.		88.14 105.50		0.88		4.44		5.02 5.24		0.00	152	94	2.4
June	Min.	2,832.75		18,793	0.70	105,601	4.65	119,376		0		-	95	3.8
Julie		2,032.75	94.43	10,795	0.70	105,001	4.21	119,370	5.05	0	0.00	86	108	2.3
	Avg. Max.		94.43		0.80		4.47		5.60		0.00	94	108	
July	Min.	2,644.71	84.71	15,298	0.46	98,990	4.00	111,953	4.97	0	0.00	34	125	
July	Avg.	2,044.71	89.21	15,230	0.40	30,330	4.41	111,355	5.07	0	0.00	59	115	
	Max.		91.71		0.58		4.55		5.13		0.00	50	136	
August	Min.	2,595.42	70.83	10,151	0.30	88,135	2.92	99,728		0		9	114	0.7
ruguor	Avg.	2,000.12	83.72	10,101	0.43	00,100	4.07	00,120	4.61	0	0.00	28	127	2.1
	Max.		91.58		0.52		3.13		3.54		0.00	115	135	
September	Min.	2,543.92	71.08	9,395	0.41	63,513	2.89	72,045		0	0.00	10	93	
	Avg.	_,	84.80	-,	0.44	,	2.99	,	3.40	-	0.00	41	115	
	Max.		94.38		0.72		4.50		5.03		0.00	88	131	8.0
October	Min.	2,566.04	73.21	10,814	0.43	76,781	2.91	86,355		0		14	86	
	Avg.	ŕ	82.78	,	0.51	,	3.58	,	4.03		0.00	42	105	2.5
	Max.		88.67		0.57		4.10		4.64		0.00	132	123	5.6
November	Min.	2,423.83	71.08	9,519	0.40	80,584	3.84	90,792		0	0.00	16	94	1.4
	Avg.	1	80.79		0.47		3.99		4.49		0.00	53	104	3.5
	Max.		91.42		0.48		4.19		4.69		0.00	99	103	
December	Min.	2,571.58	76.75	9,410	0.39	85,887	3.67	96,656	-	0		44	87	2.4
	Avg.		82.95		0.44		4.00		4.51		0.00	77	96	4.1
Total		20,117.25		97,626		671,258		758,117		0				
	Max.	2,832.75	105.50	18,793	1.29	105,601	4.88	119,376	5.60	0	0.00	155	136	
General	Min.	1,939.00	52.79	9,395	0.40	63,513	2.89	72,045	3.28	0		9	74	0.7
	Avg.	2,514.66	85.85	12,203	0.61	83,907	4.00	94,765	4.52	0	0.00	64	105	2.7

#### TABLE IV-B

#### PRINCIPLE RESULTS OF OPERATION OF THE G4 CONVENTIONAL UNIT AT THE CARROLLTON WATER PURIFICATION PLANT FOR THE YEAR ENDING December 31, 2004

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Month		Total Million Gallons of Water Treated During Month	Amount of Water Treated Million Gallons Per 24 Hours	Total Pounds of Polymer used at Intake	Polymer at Intake Parts Per Million	Total Pounds of Polymer used in Plant	Polymer in Plant Parts Per Million	Total Pounds of Pure Iron (Fe) used During Month	Pure Iron (Fe) Parts Per Million	Total Pounds of Lime used During Month	Lime Parts Per Million	NTU Turbidity of River Water	PPM Alkalinity of River Water	NTU Turbidity of Unit Effluent
	Max.		91.92		1.66		4.08		4.59		0.00	-	118	
January	Min.	2,616.33	67.75	12,524	0.36	78,838	2.61	89,669		0	0.00	47	87	3.3
	Avg.		84.40		0.62		3.63		4.13		0.00		102	
	Max.		97.71		1.27		4.62		5.14	_	0.00	146	109	
February	Min.	2,573.83	77.75	19,978	0.56	90,199	3.83	101,704		0			74	
	Avg.	-	88.75		0.93		4.21		4.75		0.00	96	92	
	Max.	0 777 40	100.63	40.004	1.05	404.004	4.74	447 500	5.43	0	0.00		111	5.8
March	Min.	2,777.42	76.33	19,664	0.46	104,064	4.37	117,529	4.93	0	0.00	55 82	81 98	2.0
	Avg.		89.59		0.86		4.49		5.08		0.00	82 91		-
April	Max.	2,641.00	99.58 77.54	19,083	1.01 0.66	98,925	5.01 4.32	111,763	5.64 4.95	0	0.00		116 100	
April	Min.	2,641.00	88.03	19,065	0.66	90,925	4.32	· ·	4.95	0	0.00	40	110	
	Avg. Max.		92.75		1.41		4.49		5.08		0.00		110	7.6
May	Min.	817.21	30.29	6,134	0.79	30,605	4.60	34,649		0	0.00	35	77	3.1
iviay	Avg.	017.21	81.72	0,134	0.79	30,005	4.24	34,049	5.08	0	0.00	56	94	
	Max.		0.00		0.00		0.00		0.00		0.00	152	118	
June	Min.	0.00	0.00	0	0.00	0	0.00	0		0	0.00	27	95	
oune	Avg.	0.00	0.00	0	0.00	0	0.00		0.00	0	0.00	86	108	
	Max.		0.00		0.00		0.00		0.00		0.00	94	129	
July	Min.	0.00	0.00	0		0	0.00			0	0.00	35	105	
ouly	Avg.		0.00		0.00		0.00		0.00	Ŭ	0.00		115	
	Max.		0.00		0.00		0.00		0.00		0.00	50	136	
August	Min.	0.00	0.00	0		0	0.00	0		0		9	114	
5	Avg.		0.00	-	0.00	-	0.00		0.00	-	0.00	28	127	
	Max.		0.00		0.00		0.00		0.00		0.00	115	135	
September	Min.	0.00	0.00	0		0	0.00			0		10	93	
·	Avg.		0.00		0.00		0.00		0.00		0.00	41	115	1
	Max.		0.00		0.00		0.00		0.00		0.00	88	131	
October	Min.	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	14	86	
	Avg.		0.00		0.00		0.00		0.00		0.00	42	105	
	Max.		0.00		0.00		0.00		0.00		0.00	132	123	
November	Min.	0.00	0.00	0		0	0.00		0.00	0	0.00	16	94	
	Avg.		0.00		0.00		0.00		0.00		0.00	53	104	
	Max.		0.00		0.00		0.00		0.00		0.00	99	103	
December	Min.	0.00	0.00	0	0.00	0	0.00	-	0.00	0		44	87	
	Avg.		0.00		0.00		0.00		0.00		0.00	77	96	
Total		11,425.79		77,383		402,632		455,314		0				
	Max.	2,777.42	100.63	19,978	1.66	104,064	5.01	117,529	5.64	0	0.00	155	136	
General	Min.	817.21	30.29	6,134	0.36	60,605	2.61	34,649	3.85	0		9	74	
	Avg.	2,269.61	48.41	15,477	0.84	79,937	4.26	91,063	4.82	0	0.00	64	105	4.1

#### TABLE IV-C

#### PRINCIPLE RESULTS OF OPERATION OF THE L3 CONVENTIONAL UNIT AT THE CARROLLTON WATER PURIFICATION PLANT FOR THE YEAR ENDING December 31, 2004

| 2                    | 3  | 4   | 5   | 6   | 7  | 8   | 9   
   
   | 10  
   | 11  
   | 12  | 13   | 14  | 15   
   |
|----------------------|--|---|---|---|--|---
--
---
--
---
---
---|--|---|--|
|                      | Total Million<br>Gallons of<br>Water<br>Treated<br>During<br>Month   | Amount of<br>Water<br>Treated<br>Million<br>Gallons Per<br>24 Hours   | Total<br>Pounds of<br>Polymer<br>used at<br>Intake  | Polymer at<br>Intake Parts<br>Per Million   | Total<br>Pounds of<br>Polymer<br>used in<br>Plant  | Polymer in<br>Plant Parts<br>Per Million  | Total<br>Pounds of<br>Pure Iron<br>(Fe) used<br>During<br>Month   
   
   | Pure Iron<br>(Fe) Parts<br>Per Million  
   | Total<br>Pounds of<br>Lime used<br>During<br>Month  
   | Lime Parts<br>Per Million   | NTU<br>Turbidity of<br>River Water   | PPM<br>Alkalinity of<br>River Water   | NTU<br>Turbidity of<br>Unit Effluent   
   |
| Max.<br>Min.         | 0.00   | 0.00<br>0.00  | 0   | 0.00  | 0  | 0100  | 0   
   
   | 0.00  
   | 0   
   | 0.00  | 149<br>47  | 87  |  
   |
| Avg.<br>Max.<br>Min. | 0.00   | 0.00<br>0.00<br>0.00  | 0   | 0.00<br>0.00<br>0.00  | 0  | 0.00  | 0   
   
   | 0.00  
   | 0   
   | 0.00<br>0.00<br>0.00  | 84<br>146<br>73  | 102<br>109<br>74  |  
   |
| Avg.<br>Max.         | 0.00   | 0.00  |   | 0.00  |  | 0.00  |   
   
   | 0.00  
   |   
   | 0.00  | 96<br>155  | 111   |  
   |
| Min.<br>Avg.<br>Max. | 0.00   | 0.00  | 0   | 0.00  | 0  | 0.00  | 0   
   
   | 0.00  
   | 0   
   | 0.00  | 82   | 81<br>98<br>116   |  
   |
| Min.<br>Avg.         | 0.00   | 0.00  | 0   | 0.00  | 0  | 0.00  | 0   
   
   | 0.00  
   | 0   
   | 0.00  | 40<br>59   | 100<br>110  |  
   |
| Min.                 | 0.00   | 0.00  | 0   | 0.00  | 0  | 0.00  | 0   
   
   | 0.00  
   | 0   
   | 0.00  | 35   | 77  |  
   |
| Max.<br>Min.         | 0.00   | 0.00  | 0   | 0.00  | 0  | 0.00  | 0   
   
   | 0.00  
   | 0   
   | 0.00  | 152<br>27  | 118<br>95   |  
   |
| Max.                 | 0.00   | 0.00  | 0   | 0.00  | 0  | 0.00  | 0   
   
   | 0.00  
   | 0   
   | 0.00  | 94   | 129   |  
   |
| Avg.<br>Max.         |  | 0.00  |   | 0.00  |  | 0.00  |   
   
   | 0.00  
   |   
   | 0.00  | 59<br>50   | 115<br>136  |  
   |
| Avg.                 | 0.00   | 0.00  | 0   | 0.00  | 0  | 0.00  | 0   
   
   | 0.00  
   | 0   
   | 0.00  | 28   | 127   |  
   |
| Min.<br>Avg.         | 0.00   | 0.00  | 0   | 0.00  | 0  |   | 0   
   
   |   
   | 0   
   | 0.00  | 10   |   |  
   |
| Max.<br>Min.         | 0.00   | 0.00  | 0   | 0.00  | 0  | 0.00  | 0   
   
   | 0.00  
   | 0   
   | 0.00  | 14   | 86  |  
   |
| Max.<br>Min.         | 0.00   | 0.00  | 0   | 0.00  | 0  | 0.00  | 0   
   
   | 0.00  
   | 0   
   | 0.00  | 132<br>16  | 123<br>94   |  
   |
| Avg.<br>Max.<br>Min. | 0.00   | 0.00  | 0   | 0.00  | 0  | 0.00  | 0   
   
   | 0.00  
   | 0   
   | 0.00  | 99   | 103   |  
   |
| Avg.                 | 0.00   | 0.00  | -   | 0.00  | 0  | 0.00  | 0   
   
   | 0.00  
   | 0   
   | 0.00  | 77   | 96  |  
   |
| Max.<br>Min.         | 0.00   | 0.00  | 0   | 0.00  | 0  | 0.00  | 0   
   
   | 0.00  
   | 0   
   | 0.00  | 9  |   | 0.0  
   |
|                      | Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Max.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Avg.<br>Min.<br>Min.<br>Avg.<br>Min.<br>Min.<br>Avg.<br>Min.<br>Min.<br>Avg.<br>Min.<br>Min.<br>Avg.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min.<br>Min. | Gallons of<br>Water<br>Treated<br>During<br>Month       Max.     0.00       Avg.     0.00       Max.     0.00       Min.     0.00       Avg.     0.00       Max.     0.00       Min.     0.00       Avg.     0.00       Min.     0.00       Avg.     0.00       Max.     0.00       Min.     0.00       Avg.     0.00       Min.     0.00 | Gallons of<br>Water<br>Treated<br>During<br>MonthWater<br>Treated<br>Million<br>Gallons Per<br>24 HoursMax.0.00Min.0.00Avg.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Max.0.00Min.0.00Max.0.00Min.0.00Max.0.00Min.0.00Max.0.00Min.0.00Max.0.00Min.0.00Max.0.00Min.0.00Max.0.00Max.0.00Max.0.00Min.0.00Min.0.00Max.0.00Min.0.00Min.0.00Max.0.00Min.0.00Min.0.00Min.0.00Max.0.00Min.0.00Min.0.00Min.0.00Min.0.00Min.0.00Min.0.00Min.0.00Min.0.00Min.0.00Mi | Gallons of<br>Water<br>Treated<br>During<br>Month         Water<br>Treated<br>Gallons Per<br>24 Hours         I otal<br>Pounds of<br>Polymer<br>used at<br>Intake           Max.         0.00         0.00           Avg.         0.00         0.00           Max.         0.00         0.00 | Gallons of<br>Water<br>Treated<br>During<br>Month         Water<br>Treated<br>Gallons Per<br>Moltmer         Polymer<br>Polymer<br>at<br>Intake         Polymer<br>Intake         Intake         Polymer<br>Intake         Intake         Polymer<br>Intake         Intake         Polymer<br>Intake         Intake         Polymer<br>Intake         Intake         Intake <thintake< th="">         Intake         Int</thintake<> | Gallons of<br>Water<br>Treated<br>During<br>Month         Water<br>Treated<br>Million<br>Gallons Per<br>24 Hours         Iotal<br>Pounds of<br>Polymer<br>used at<br>Intake Parts<br>Per Million         Iotal<br>Pounds of<br>Polymer<br>used at<br>Intake Parts           Max.         0.00         0.00         0.00           Max.         0.00         < | Gallons of<br>Water<br>Treated<br>During<br>Month         Water<br>Treated<br>24 Hours         Total<br>Polymer<br>used at<br>Intake         Polymer in<br>Polymer in<br>Intake Parts<br>Per Million         Polymer in<br>Plant         Plant         Plant <td>Gallons of<br/>Water<br/>Treated<br/>During<br/>Month         Water<br/>Treated<br/>24 Hours         Iotal<br/>Pounds of<br/>Polymer<br/>used at<br/>Intake         Polymer<br/>Part Million<br/>Plant         Polymer Million<br/>Plant<td>Gallons of<br/>Water<br/>Treated<br/>During<br/>Month         Water<br/>Treated<br/>24 Hours         Outdat<br/>Polymer at<br/>Intake         Polymer at<br/>Polymer at<br/>Intake         Iotal<br/>Polymer at<br/>Polymer at<br/>Polymer at<br/>Polymer in<br/>Per Million         Polymer in<br/>Path Pats<br/>Per Million         Pounds of<br/>Puer Iron<br/>(Fe) Pats<br/>Per Million           Max.         0.00         0.00         0.00         0.00         0.00         0.00         0.00           Max.         0.00         0.00         0.00         0.00         0.00         0.00         0.00           Max.         0.00         0.00         0.00         0.00         0.00         0.00         0.00           Max.         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00           Max.         0.00         0.00         0.00         0.00         0.00         0.00<td>Gallons of<br/>Water<br/>Treated<br/>During<br/>Month         Water<br/>Treated<br/>24 Hours         Total<br/>Polymer<br/>intake         Polymer<br/>Part Million<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Pure Iron<br/>Plant         Pure Iron<br/>(Fe) Parts<br/>Polymer         Pure Iron<br/>(Fe) P</td><td>Gallons of<br/>Treated<br/>During<br/>Minin         Water<br/>Treated<br/>Sallons Per<br/>Sallons Per<br/>Sall</td><td>Galons of<br/>Treated<br/>Miniton         Water<br/>24 Hours         Iotal<br/>Polymer<br/>1<br/>(sel<br/>Intake Pars<br/>24 Hours         Polymer<br/>Polymer<br/>Intake Pars<br/>Per Million         Polymer<br/>Parl Pars<br/>Per Million         Pounds of<br/>Polymer<br/>Parl Pars         Pounds of<br/>Parl Pars<br/>Per Million         Pounds of<br/>Parl Pars<br/>Per Million         Pounds of<br/>Parl Pars         Parl Pars         Pure Iron<br/>(Fe) Used<br/>Mont         Pure Iron<br/>(Fe) Used<br/>Mont         Pure Iron<br/>Parl Parl<br/>Parl Pars         Pure Iron<br/>Parl Parl<br/>Parl Pars         Pure Iron<br/>Parl Parl<br/>Parl Pars         Pure Iron<br/>Parl Parl<br/>Parl Parl         Pure Iron<br/>Parl Parl Parl         Pure Iron<br/>Parl         Pure Iron<br/>Parl Parl Parl         Pu</td><td>Gailons of<br/>Treated<br/>Month         Water<br/>Treated<br/>24 Hours         Iotal<br/>Polymera<br/>intake         Polymera<br/>Polymera<br/>intake         Polymera<br/>Polymera<br/>Per Million         Polymera<br/>Polymera<br/>Per Million         Polymera<br/>Per Million         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         NTU<br/>(Fe) Part<br/>Month         NTU<br/>Per Million<br/>(Fe) used<br/>Month         NTU<br/>(Fe) Part<br/>Month         NTU<br/>Per Million<br/>(Fe) used<br/>Month         NTU<br/>(Fe) Part<br/>Month         NTU<br/>Per Million<br/>Month         NTU<br/>Per Million<br/>Month         NTU<br/>Per Million<br/>(Fe) used<br/>Month         NTU<br/>(Fe) Part<br/>Month         NTU<br/>Per Million<br/>Month         NTU<br/>Per Mil</td></td></td> | Gallons of<br>Water<br>Treated<br>During<br>Month         Water<br>Treated<br>24 Hours         Iotal<br>Pounds of<br>Polymer<br>used at<br>Intake         Polymer<br>Part Million<br>Plant         Polymer Million<br>Plant <td>Gallons of<br/>Water<br/>Treated<br/>During<br/>Month         Water<br/>Treated<br/>24 Hours         Outdat<br/>Polymer at<br/>Intake         Polymer at<br/>Polymer at<br/>Intake         Iotal<br/>Polymer at<br/>Polymer at<br/>Polymer at<br/>Polymer in<br/>Per Million         Polymer in<br/>Path Pats<br/>Per Million         Pounds of<br/>Puer Iron<br/>(Fe) Pats<br/>Per Million           Max.         0.00         0.00         0.00         0.00         0.00         0.00         0.00           Max.         0.00         0.00         0.00         0.00         0.00         0.00         0.00           Max.         0.00         0.00         0.00         0.00         0.00         0.00         0.00           Max.         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00           Max.         0.00         0.00         0.00         0.00         0.00         0.00<td>Gallons of<br/>Water<br/>Treated<br/>During<br/>Month         Water<br/>Treated<br/>24 Hours         Total<br/>Polymer<br/>intake         Polymer<br/>Part Million<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Pure Iron<br/>Plant         Pure Iron<br/>(Fe) Parts<br/>Polymer         Pure Iron<br/>(Fe) P</td><td>Gallons of<br/>Treated<br/>During<br/>Minin         Water<br/>Treated<br/>Sallons Per<br/>Sallons Per<br/>Sall</td><td>Galons of<br/>Treated<br/>Miniton         Water<br/>24 Hours         Iotal<br/>Polymer<br/>1<br/>(sel<br/>Intake Pars<br/>24 Hours         Polymer<br/>Polymer<br/>Intake Pars<br/>Per Million         Polymer<br/>Parl Pars<br/>Per Million         Pounds of<br/>Polymer<br/>Parl Pars         Pounds of<br/>Parl Pars<br/>Per Million         Pounds of<br/>Parl Pars<br/>Per Million         Pounds of<br/>Parl Pars         Parl Pars         Pure Iron<br/>(Fe) Used<br/>Mont         Pure Iron<br/>(Fe) Used<br/>Mont         Pure Iron<br/>Parl Parl<br/>Parl Pars         Pure Iron<br/>Parl Parl<br/>Parl Pars         Pure Iron<br/>Parl Parl<br/>Parl Pars         Pure Iron<br/>Parl Parl<br/>Parl Parl         Pure Iron<br/>Parl Parl Parl         Pure Iron<br/>Parl         Pure Iron<br/>Parl Parl Parl         Pu</td><td>Gailons of<br/>Treated<br/>Month         Water<br/>Treated<br/>24 Hours         Iotal<br/>Polymera<br/>intake         Polymera<br/>Polymera<br/>intake         Polymera<br/>Polymera<br/>Per Million         Polymera<br/>Polymera<br/>Per Million         Polymera<br/>Per Million         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         NTU<br/>(Fe) Part<br/>Month         NTU<br/>Per Million<br/>(Fe) used<br/>Month         NTU<br/>(Fe) Part<br/>Month         NTU<br/>Per Million<br/>(Fe) used<br/>Month         NTU<br/>(Fe) Part<br/>Month         NTU<br/>Per Million<br/>Month         NTU<br/>Per Million<br/>Month         NTU<br/>Per Million<br/>(Fe) used<br/>Month         NTU<br/>(Fe) Part<br/>Month         NTU<br/>Per Million<br/>Month         NTU<br/>Per Mil</td></td> | Gallons of<br>Water<br>Treated<br>During<br>Month         Water<br>Treated<br>24 Hours         Outdat<br>Polymer at<br>Intake         Polymer at<br>Polymer at<br>Intake         Iotal<br>Polymer at<br>Polymer at<br>Polymer at<br>Polymer in<br>Per Million         Polymer in<br>Path Pats<br>Per Million         Pounds of<br>Puer Iron<br>(Fe) Pats<br>Per Million           Max.         0.00         0.00         0.00         0.00         0.00         0.00         0.00           Max.         0.00         0.00         0.00         0.00         0.00         0.00         0.00           Max.         0.00         0.00         0.00         0.00         0.00         0.00         0.00           Max.         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00           Max.         0.00         0.00         0.00         0.00         0.00         0.00 <td>Gallons of<br/>Water<br/>Treated<br/>During<br/>Month         Water<br/>Treated<br/>24 Hours         Total<br/>Polymer<br/>intake         Polymer<br/>Part Million<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Polymer<br/>Plant         Pure Iron<br/>Plant         Pure Iron<br/>(Fe) Parts<br/>Polymer         Pure Iron<br/>(Fe) P</td> <td>Gallons of<br/>Treated<br/>During<br/>Minin         Water<br/>Treated<br/>Sallons Per<br/>Sallons Per<br/>Sall</td> <td>Galons of<br/>Treated<br/>Miniton         Water<br/>24 Hours         Iotal<br/>Polymer<br/>1<br/>(sel<br/>Intake Pars<br/>24 Hours         Polymer<br/>Polymer<br/>Intake Pars<br/>Per Million         Polymer<br/>Parl Pars<br/>Per Million         Pounds of<br/>Polymer<br/>Parl Pars         Pounds of<br/>Parl Pars<br/>Per Million         Pounds of<br/>Parl Pars<br/>Per Million         Pounds of<br/>Parl Pars         Parl Pars         Pure Iron<br/>(Fe) Used<br/>Mont         Pure Iron<br/>(Fe) Used<br/>Mont         Pure Iron<br/>Parl Parl<br/>Parl Pars         Pure Iron<br/>Parl Parl<br/>Parl Pars         Pure Iron<br/>Parl Parl<br/>Parl Pars         Pure Iron<br/>Parl Parl<br/>Parl Parl         Pure Iron<br/>Parl Parl Parl         Pure Iron<br/>Parl         Pure Iron<br/>Parl Parl Parl         Pu</td> <td>Gailons of<br/>Treated<br/>Month         Water<br/>Treated<br/>24 Hours         Iotal<br/>Polymera<br/>intake         Polymera<br/>Polymera<br/>intake         Polymera<br/>Polymera<br/>Per Million         Polymera<br/>Polymera<br/>Per Million         Polymera<br/>Per Million         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         Polymera<br/>(Fe) used<br/>Month         NTU<br/>(Fe) Part<br/>Month         NTU<br/>Per Million<br/>(Fe) used<br/>Month         NTU<br/>(Fe) Part<br/>Month         NTU<br/>Per Million<br/>(Fe) used<br/>Month         NTU<br/>(Fe) Part<br/>Month         NTU<br/>Per Million<br/>Month         NTU<br/>Per Million<br/>Month         NTU<br/>Per Million<br/>(Fe) used<br/>Month         NTU<br/>(Fe) Part<br/>Month         NTU<br/>Per Million<br/>Month         NTU<br/>Per Mil</td> | Gallons of<br>Water<br>Treated<br>During<br>Month         Water<br>Treated<br>24 Hours         Total<br>Polymer<br>intake         Polymer<br>Part Million<br>Plant         Polymer<br>Plant         Polymer<br>Plant         Polymer<br>Plant         Polymer<br>Plant         Polymer<br>Plant         Polymer<br>Plant         Polymer<br>Plant         Polymer<br>Plant         Polymer<br>Plant         Pure Iron<br>Plant         Pure Iron<br>(Fe) Parts<br>Polymer         Pure Iron<br>(Fe) P | Gallons of<br>Treated<br>During<br>Minin         Water<br>Treated<br>Sallons Per<br>Sallons Per<br>Sall | Galons of<br>Treated<br>Miniton         Water<br>24 Hours         Iotal<br>Polymer<br>1<br>(sel<br>Intake Pars<br>24 Hours         Polymer<br>Polymer<br>Intake Pars<br>Per Million         Polymer<br>Parl Pars<br>Per Million         Pounds of<br>Polymer<br>Parl Pars         Pounds of<br>Parl Pars<br>Per Million         Pounds of<br>Parl Pars<br>Per Million         Pounds of<br>Parl Pars         Parl Pars         Pure Iron<br>(Fe) Used<br>Mont         Pure Iron<br>(Fe) Used<br>Mont         Pure Iron<br>Parl Parl<br>Parl Pars         Pure Iron<br>Parl Parl<br>Parl Pars         Pure Iron<br>Parl Parl<br>Parl Pars         Pure Iron<br>Parl Parl<br>Parl Parl         Pure Iron<br>Parl Parl Parl         Pure Iron<br>Parl         Pure Iron<br>Parl Parl Parl         Pu | Gailons of<br>Treated<br>Month         Water<br>Treated<br>24 Hours         Iotal<br>Polymera<br>intake         Polymera<br>Polymera<br>intake         Polymera<br>Polymera<br>Per Million         Polymera<br>Polymera<br>Per Million         Polymera<br>Per Million         Polymera<br>(Fe) used<br>Month         Polymera<br>(Fe) used<br>Month         Polymera<br>(Fe) used<br>Month         Polymera<br>(Fe) used<br>Month         Polymera<br>(Fe) used<br>Month         Polymera<br>(Fe) used<br>Month         NTU<br>(Fe) Part<br>Month         NTU<br>Per Million<br>(Fe) used<br>Month         NTU<br>(Fe) Part<br>Month         NTU<br>Per Million<br>(Fe) used<br>Month         NTU<br>(Fe) Part<br>Month         NTU<br>Per Million<br>Month         NTU<br>Per Million<br>Month         NTU<br>Per Million<br>(Fe) used<br>Month         NTU<br>(Fe) Part<br>Month         NTU<br>Per Million<br>Month         NTU<br>Per Mil |

#### TABLE IV-D

#### PRINCIPLE RESULTS OF OPERATION OF THE L4 CONVENTIONAL UNIT AT THE CARROLLTON WATER PURIFICATION PLANT FOR THE YEAR ENDING December 31, 2004

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Month		Total Million Gallons of Water Treated During Month	Amount of Water Treated Million Gallons Per 24 Hours	Total pounds of Polymer used at Intake	Polymer at Intake Parts Per Million	Total Pounds of Polymer used in Plant	Polymer in Plant Parts Per Million	Total Pounds of Pure Iron (Fe) used During Month	Pure Iron (Fe) Parts Per Million	Total Pounds of Lime During Month	Lime Parts Per Million	NTU Turbidity of River Water		NTU Turbidity of Unit Effluent
January	Max. Min.	1,123.58	43.00 31.00	7,047	0.77	0	0.00	47,182	5.29 4.86	1,029,651	155.05 82.96	149 47	118 87	29.5 3.4
2	Avg.	-	36.24		0.02		0.00	,	5.04		112.33	84	102	11.1
	Max.		44.96		1.40		4.65		5.21		0.00	146	109	18.2
February	Min.	1,012.25	26.21	8,267	0.54	33,644	0.00	42,097	4.39	0	0.00	73	74	3.1
	Avg.		34.91		1.00		4.09		4.98		0.00	96		6.1
	Max.		43.04		1.68		4.80		5.39		0.00	155	111	6.7
March	Min.	987.79	23.54	9,356	0.76	37,270		41,880	4.42	0	0.00	55	81	2.5
	Avg.		31.86		1.15		4.52		5.08		0.00	82	98	4.1
	Max.		38.92		1.75		5.03		5.65	_	0.00	91	116	
April	Min.	954.63	21.46	8,978	0.87	36,170		40,736	4.53	0	0.00	40		1.4
	Avg.		31.82		1.19		4.54		5.11		0.00	59	110	
	Max.	4 00 4 75	42.38	40.400	2.09	40.000	4.66	45 005	5.22		0.00	85	111	4.0
May	Min.	1,084.75	26.67	10,186	0.86	40,860	4.37	45,895	4.91	0	0.00	35	77	1.4
	Avg.		34.99		1.14		4.51		5.07		0.00	56		
li ve e	Max.	4 4 9 5 5 9	48.50	0 704	1.22	40.074	4.79	47 500	5.42	0	0.00	152	118	
June	Min.	1,135.58	26.79 37.85	8,701	0.73	42,271	4.20	47,563	4.75 5.02	0	0.00	27 86	95 108	1.1 2.1
	Avg.						4.46				0.00	94	108	
July	Max. Min.	1.130.04	44.04 38.46	6.740	1.40 0.37	42.150	4.95	47.449	5.64	0	0.00	94 35	129	
July		1,130.04	38.46 41.03	6,740	0.37	42,150	3.86 4.47	47,449	4.88 5.06	0	0.00	35 59	105	
	Avg.		41.03		0.39		4.47		5.06		0.00	59	136	
August	Max. Min.	1,267.96	32.63	3,949	0.46	42,482	4.59	47,819		0	0.00			
Augusi	Avg.	1,207.90	40.90	3,949	0.32	42,402	4.00	47,019	4.50	0	0.00	28	114	2.3
	Max.		40.90		0.53		3.29		3.66		0.00	115	135	
September	Min.	1,053.92	27.38	3,652	0.34	26,759		29,844	3.00	0	0.00	10	93	1.7
Ocptember	Avg.	1,000.02	35.13	3,052	0.42	20,755	3.05	25,044	3.39	0	0.00	41	115	
	Max.		48.54		0.55		4.45		5.04		0.00	88	131	5.0
October	Min.	1,225.92	29.63	4,155	0.33	36,441	2.80	40,980	3.15	0	0.00	14	86	
0010001	Avg.	1,220.02	39.55	4,100	0.00	00,111	3.54	-10,000	3.98	0	0.00	42	105	
	Max.		46.08		0.50		4.39		4.69		0.00	132	123	5.7
November	Min.	1,150.04	28.71	3,702	0.28	38,677	3.79	43,332	4.36	0	0.00	16		1.1
	Avg.	.,	38.33	5,. 02	0.39	00,011	4.04	.0,002	4.52	Ū	0.00	53	104	3.4
	Max.		44.63		0.54		4.51		5.10		0.00	99	103	6.9
December	Min.	1,182.54	28.29	3,665	0.31	39,579	3.73	44,627	4.33	0	0.00	44	87	3.2
	Avg.	1 ,	38.15	2,230	0.38	,	4.00	,	4.53	Ū	0.00	77	96	-
Total	Ť	13,309.00		78,398		416,303		519,404		1,029,651				
	Max.	1,267.96	48.92	10,186	2.09	42,482	5.03	47,819	5.65	****	****	155	136	29.5
General	Min.	1,053.92	21.46	3,652	0.00	0	0.00	29,844	3.04	****	*****	9	74	0.9
	Avg.	1,109.08	36.36	6,533	0.71	34,692	3.75		4.68	****	****	64	105	

\*\*\*\*\* Maximum, minimum, and averages for columns 11 and 12 were not calculated since lime was only fed into this basin for the month of January 2004.

#### TABLE IV-E

#### MONTHLY SUMMARY OF COMBINED OPERATION OF CONVENTIONAL UNITS AT THE CARROLLTON WATER PURIFICATION PLANT FOR THE YEAR ENDING December 31, 2004

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1	8
Month		Total Million Gallons of Water Treated	Amount of Water Treated Million Gallons	Total pounds of Polymer used at	Total Pounds of Polymer used in	Total Pounds of Fluoride (100%) used	Fluoride Parts Per Million	Total Pounds of Pure Iron (Fe) used	Total Pounds of Lime Used During Month	Total Pounds of Chlorine Used During	Chlorine Parts Per Million	Total Pounds of Anhydrous Ammonia Used	Anhydrous Ammonia Parts Per	Total Pounds of Polyphos phate Used	Parts Per	Alkalinity of Filtered Water Parts Per	Estimated Pum	0
		During Month	Per 24 Hours	Intake	Plant	During Month		During Month	Ū	Month		During Month	Million	During Month	Million	Million	Total M.G.	M.G.D.
January	Max. Min. Avg.	3,739.96	124.25 110.75 120.64	19,571	78,838	24,075	0.91 0.73 0.81	136,851	1,029,651	178,057	5.71	35,698	1.19 1.09 1.14	16,578	0.56 0.52 0.53	96 62 84	3,544.12	127.64 102.36 114.33
February	Max. Min. Avg.	3,586.09	131.33 114.58 123.66	28,245	123,843	23,901	0.97 0.65 0.81	143,801	431,274	169,780	5.68	34,038	1.16 1.11 1.14	15,763	0.53	112 78 95	3,539.16	130.52 110.04 122.04
March	Max. Min. Avg.	3,765.24	132.17 110.96 121.46	29,020	141,334	24,117	0.88 0.69 0.79	159,409	433,014	187,925	5.98	37,599	1.22 1.13 1.20	16,621	0.57 0.51 0.53	121 88 106	3,668.08	125.96 108.88 118.33
April	Max. Min. Avg.	3,595.64	126.25 108.75 119.85	28,061	135,096	22,659	0.83 0.70 0.76	152,499	400,442	191,070	6.37	38,187	1.37 1.17 1.27	15,850	0.59 0.52 0.53	128 105 118	3,576.84	123.68 114.04 119.23
Мау	Max. Min. Avg.	3,840.97	132.29 117.71 123.90	30,566	143,233	22,819	0.83 0.33 0.75	161,756	414,765	224,313	7.00	44,862	1.47 1.33 1.40	15,883	0.53 0.45 0.50	125 86 102	3,644.40	123.72 104.72 117.56
June	Max. Min. Avg.	3,968.36	145.83 121.42 132.28	27,494	147,872	22,372	0.83 0.69 0.77	166,939	469,737	233,023	7.04	46,536	1.51 1.35 1.41	16,995	0.54 0.49 0.51	132 107 119	3,500.24	123.68 106.20 116.67
July	Max. Min. Avg.	3,774.78	125.96 108.83 121.77	22,038	141,139	24,582	0.94 0.71 0.81	159,402	515,614	242,351	7.70	48,439	1.69 1.46 1.54	13,935	0.44	145 111 123	3,659.44	131.20 105.68 118.05
August	Max. Min. Avg.	3,860.78	131.08 113.38 124.54	14,100	130,617	23,194	0.87 0.40 0.77	147,546	508,325	229,402	7.12	45,977	1.61 1.38 1.43	8,468	0.26	147 120 128	3,613.72	131.68 108.52 116.57
September	Max. Min. Avg.	3,597.85	125.42 111.71 119.93	13,047	90,272	24,039	0.89 0.71 0.79	101,890	636,943	211,405	7.05	42,441	1.62 1.36 1.41	7,917	0.27 0.25 0.26	143 98 120	3,649.96	131.40 113.64 121.67
October	Max. Min. Avg.	3,793.95	137.58 105.33 122.39	14,969	113,221	21,944	0.86 0.00 0.72	127,335	436,903	234,978	7.45	47,241	1.75 1.39 1.50	8,421	0.29 0.26 0.27	138 94 112	3,643.48	125.76 105.80 117.53
November	Max. Min. Avg.	3,573.90	129.75 102.92 119.13	13,221	119,260	23,431	1.04 0.71 0.80	134,124	451,239	207,984	6.98	41,730	1.47 1.36 1.40	7,814	0.27 0.25 0.26	134 99 113	3,532.56	129.04 105.08 117.75
December	Max. Min. Avg.	3,764.39	133.79 113.17 121.43	13,075	125,467	24,659	0.95 0.49 0.81	141,283	496,688	190,193	6.85 5.39 6.06	38,087	1.39 1.08 1.21	8,222	0.28 0.23 0.26	113 83 102	3,665.52	124.76 110.36 118.24
Total	l	44,861.91		253,407	1,490,193	281,792		1,732,835	6,224,595	2,500,481		500,836		152,468			43,237.5	101.57
General	Max. Min.	3,968.36 3,573.90	145.83 102.92	30,566 13,047	147,872 78,838	24,659 21,944	1.04	166,939 101,890	1,029,651 400,442	242,351 169,780	8.63 5.22	48,439 34,038	1.75 1.08	16,995 7,814	0.59	147 62	3,668.08	131.68 102.36
Contorui	Avg.	3,738.49	122.52	21,117	124,183	23,483	0.00	144,403	518,716	208,373		41,736	1.34	12,706	0.22	110		118.46

#### TABLE V

#### PRINCIPLE RESULTS OF OPERATION OF THE ALGIERS WATER PURIFICATION PLANT FOR THE YEAR ENDING: December 31, 2004

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	2	1
Month		Low Lift Total Million Gallons of Water Treated During Month	Amount of Water Treated Million Gallons Per 24	Total Pounds of Polyelec- trolyte Used During	Polyelec- trolyte Parts Per Million	Total Pounds of Fluoride (100%) Used During	Fluroide Parts Per Million	Total Pounds of Pure Iron (Fe) used During	Pure Iron (Fe) Parts Per Million	Total Pounds of Lime Used During Month	Lime Parts Per Million	Total Pounds of Anhydrous Ammonia Used During	Total Pounds of Anhydrous Ammonia Parts Per	Total Pounds Chlorine Used During	Chlorine Parts Per Million	Calgon Total Pounds Polyphos- phate Used	Calgon Polyphos- phate Parts Per Million	NTU Turbidity of Clarifer Effluent	PPM Clear Well Alkalinity of Filter Effluent	High Lift	Pumpage
		_	Hours	Month		Month		Month				Month	Million	Month		During Month				Total M.G.D.	M.G.D.
lonuoni	Max. Min.	292.76	14.00 8.00	9,251	3.86 3.72	1.192	0.58 0.33	17.506	8.56 4.88	123,772	74.14 39.96	2.672	1.27 0.98	16.064	7.59 5.92	1.334	0.80 0.34	1.7 0.6	74 55	306.70	12.45 8.69
January	Avg.	292.70	8.00 9.44	9,201	3.72	1,192	0.33	17,500	4.00	123,772	50.49	2,072	1.10	16,064	6.60	1,554	0.54	1.0	65	300.70	9.89
	Max.		10.76		3.89		0.58		8.59		53.36		1.29		7.79		0.83	1.7	78		10.51
February	Min.	264.52	8.00	8,360	3.74	1,069		16,584	6.37	94,983	35.11	2,476	0.96	14,883	5.81	1,186	0.30	0.6	61	276.77	8.83
	Avg. Max.		9.12 13.00		3.79 3.85		0.49		7.57		43.23 80.02		1.13 1.14		6.76 6.88		0.54	1.0	67 71		9.54 11.90
March	Min.	327.68	10.00	10,421	3.85	1,306		16,639	4.95	166,413	42.65	2,990	0.98	17,926	5.83	1,480		0.5	45	337.93	9.74
Maron	Avg.	027.00	10.57	10,421	3.81	1,000	0.48	10,000	6.13	100,410	60.60	2,000	1.10	11,020	6.57	1,400	0.54	1.1	58	007.00	10.90
	Max.		12.00		3.83		0.66		8.44		84.93		1.53		7.91		0.75	1.7	54		11.68
April	Min.	290.68	8.00	9,201	3.76	1,235		14,973	4.66	181,098	65.24	2,927	1.14	17,383	6.83	1,400	0.44	0.4	39	302.47	8.60
	Avg.		9.69		3.79		0.51		6.24		73.77 63.21		1.21		7.18		0.61	0.8	50		10.08
May	Max. Min.	300.08	11.50 8.42	9.680	3.85 3.75	1.231	0.56	12.776	6.09 4.29	116.517	26.98	3.091	1.45 1.16	18.638	8.73 6.64	1.350	0.71	1.6 0.5	88 40	303.15	10.63 8.96
widy	Avg.	000.00	9.68	0,000	3.79	1,201	0.50	12,110	5.13	110,017	46.44	0,001	1.10	10,000	7.45	1,000	0.40	1.0	61	000.10	9.78
	Max.		12.00		3.85		0.62		7.57		48.99		1.41		8.44		0.75	1.6	92		12.08
June	Min.	295.06	8.50	9,338	3.76	1,272		13,749	4.27	97,542	33.64	3,088	1.10	18,548	6.55	1,350	0.38	0.8	66	302.36	8.87
	Avg.		9.84		3.8		0.52		5.67		39.86		1.26		7.58		0.56	1.2	79		10.10
July	Max. Min.	337.42	14.00 9.00	10,778	4.61	1.422	0.57 0.43	14,045	5.93 3.78	146,512	69.96	3.487	1.39	20,804	8.31 6.34	1.350	0.67	1.9	80	357.76	12.53 10.92
July	Avg.	557.42	9.00	10,770	3.24 3.8	1,422	0.43	14,045	5.05	140,512	31.12 51.78	3,407	1.09 1.25	20,004	7.43	1,550	0.32 0.48	0.8 1.3	63 72	337.70	11.54
	Max.		12.66		3.89		0.74		6.16		109.63		1.23		7.82		0.40	4.6	87		15.97
August	Min.	344.30	9.26	10,906	3.64	1,734	0.47	13,268	3.78	208,867	45.53	3,397	1.02	20,319	6.61	1,650	0.43	1.0	56	432.45	11.19
	Avg.		11.11		3.8		0.61		4.66		73.30		1.19		7.10		0.59	1.9	69		13.95
	Max.		14.00		3.8		0.74		6.29		106.06		1.34		8.47		1.07	4.2	91		15.55
September	Min.	337.86	8.58 11.26	11,022	3.8 3.8	1,671	0.45 0.61	13,787	3.85 4.97	164,309	35.00 58.09	3,310	1.01	19,988	6.06 7.14	1,650	0.36 0.59		63 73	380.86	10.36 12.70
	Avg. Max.		10.00		3.85		0.61		5.37		63.16		1.18 1.35		8.15		0.39	1.9 4.1	95		13.98
October	Min.	310.00	10.00	9,827	3.75	1,347		13,157	3.81	113,651	25.32	3,184	1.14	19,114	6.83	1,483	0.00		66	345.70	8.78
	Avg.		10.00		3.8		0.52		5.09		43.96		1.23	-	7.63		0.61	1.8	79		11.15
	Max.		11.50		3.85		0.61		5.93		84.83		1.37		8.36		0.85	4.5			11.76
November	Min.	286.52	8.00	9,076	3.75	1,197	-	11,674	4.10	134,011	32.16	2,982	1.13	17,999	6.92	1,327	0.40	1.4	63	292.97	8.31
	Avg. Max.		9.55 14.00		3.8 3.85		0.50		4.92		54.93 71.51		1.25		7.55		0.56	2.1 4.4	79 80		9.77 12.53
December	Min.	319.10	8.00	10,134	3.85	1,297	0.61	15,344	7.39	131,735	39.39	2,959	1.32	17,748	6.21	1.440	0.40	4.4	80 53	316.04	9.05
2 300111001	Avg.	010.10	10.29	10,104	3.81	1,201	0.49	10,044	5.82	101,700	49.44	2,000	1.03	17,740	6.67	1,440	0.40	2.4	72	010.04	10.19
Total		3,705.98		117,994		15,973		173,502		1,679,410		36,563		219,414		17,000				3955.16	
	Max.	344.30	14.00	11,022	4.61	1,734	0.74	17,506	8.59	208,867	109.63	3,487	1.53	20,804	8.73	1,650	1.07	4.6		432.45	15.97
General	Min.	264.52	8.00	8,360	3.24	1,069	0.33	11,674	3.78	94,983	25.32	2,476	0.96	14,883	5.81	1,186	0.30		39	276.77	8.31
	Avg.	308.83	10.15	9,833	3.82	1,331	0.52	14,459	5.61	139,951	54.34	3,047	1.18	18,285	7.10	1,417	0.55	1.5	68.7	329.60	10.80

#### TABLE VI-A

# MONTHLY SUMMARY OF CARROLLTON WATER PURIFICATION PLANT FILTER OPERATIONS FOR THE YEAR ENDING: December 31, 2004

1	2	3			4	5			6	7		8		ç	)	1	0	1	11
Month		Total Million G Filtered Dur			umber of uns	in Ho			ons of Water Per Run	Million Ga Day Pe		Total An Million G Wash Wa	allons of	Per	ater Used	wash Wa	ercentage of sh Water Used Per Run		Gallons Per Acre r Day
		Old	New	Old	New	Old	New	Old	New	Old	New	Old	New	Old	New	Old	New	Old	New
January	Max. Min. Avg.	1,770.432	1,812.274	125	72	211 97 163	233 37 167	26.365 6.218 14.163	37.638 5.534 25.170	2.085	3.617	46.224	49.600	0.370	0.689	5.95 1.40 2.61	12.45 1.83 2.74	63.467	60.020
	Max. Min. Avg.	1,640.835	1,915.297	107	58	239 95 179	282 98 176	26.175 5.966 15.335	48.017 15.504 30.516	2.056	4.161	38.453	49.200	0.359	0.848	6.02 1.34 2.34	5.47 1.77 2.78	62.585	69.048
March	Max. Min. Avg.	1,541.018	2,135.055	117	60	218	260 127 194	24.625 5.792 13.171	49.976 23.583 35.584	2.040	4.402	40.746	39.600	0.349	0.660	6.00	2.80 1.32 1.85	62.098	73.047
April	Max. Min. Avg.	1,451.428	2,119.100	117	58	215 95 143	285 136 195	19.500 5.836 12.405	57.599 27.166 36.536	2.082	4.497	30.584	41.200	0.261	0.710	4.47	2.61 1.94 2.57	63.376	74.623
May	Max. Min. Avg.	1,505.897	2,123.400	118	56	216 45 148	263 120 200	22.000 3.750 12.762	51.417 20.879 37.918	2.069	4.550	37.985	41.400	0.322	0.690	8.59	3.30 1.34 1.82	62.980	75.503
June	Max. Min. Avg.	1,442.300	2,120.262	117	64	176 106 143	214 125 174	21.550 5.836 12.327	51.743 24.525 33.129	2.069	4.570	30.162	45.600	0.258	0.713	4.42	2.91 1.38 2.15	62.980	75.835
July	Max. Min. Avg.	1,313.135	1,994.780	115	58	201 111 154	309 141 188	22.125 5.130 11.419	54.165 21.596 34.393	1.779	4.391	37.354	43.020	0.325	0.742	6.34 1.47 2.85	3.40 1.40 2.20	54.153	72.864
August	Max. Min. Avg.	1,471.877	2,101.887	122	58	192 54 137	287 13 195	24.000 4.500 12.064	69.480 2.104 36.239	2.114	4.460	39.890	45.700	0.327	0.788	7.27	37.45 1.13 2.17	64.350	74.009
September	Max. Min. Avg.	1,468.304	2,185.256	110	59	215 115 152	259 95 194	26.875 5.966 13.348	56.065 19.346 37.038	2.108	4.582	34.042	49.600	0.309	0.827	5.18 1.15 2.31	4.27 1.48 2.23	64.168	76.034
October	Max. Min. Avg.	1,491.905	2,249.983	116	58	260	279 142 185	21.750 3.583 12.603	55.664 20.365 38.793	2.130	5.033	37.694	47.190	0.325	0.814	9.07	3.99 1.50 2.10	64.837	83.518
November	Max. Min. Avg.	1,463.515	2,042.011	119	60	193 112 145	244 117 178	20.875 5.924 12.248	51.368 18.604 34.034	2.027	4.589	37.051	49.200	0.311	0.820	5.24 1.48 2.54	4.41 1.60 2.41	61.702	76.150
December	Max. Min. Avg.	1,562.574	2,094.264	129	64	181 107 140	263 122 192	21.125 5.924 12.113	55.431 20.129 32.723	2.077	4.090	36.682	54.500	0.284	0.852	4.79 1.34 1.19	4.23 1.54 2.60	63.224	67.869
Total		18,123.220	24,893.569	1,412	725	5,347	6,689	495.348	1,269.971	24.636	52.942	446.867	555.810	3.800	9.153	118.95	133.14	749.920	878.520
General	Max. Min. Avg.	1,770.432 1,313.135 1,510.268	2,249.983 1,812.274 2.074.464	129 107 118	72 56 60	260 43 150	309 13 187	26.875 3.583 12.830	69.480 2.104 34.339	2.130 1.779 2.053	5.033 3.617 4.412	46.224 30.162 37.239	54.500 39.600 46.318	0.370 0.258 0.317	0.852 0.660 0.763	1.15	37.45 1.13 2.30	64.837 54.153 62.493	

### SEWERAGE AND WATER BOARD OF NEW ORLEANS TABLE VI-B

#### MONTHLY SUMMARY OF ALGIERS FILTER OPERATIONS FOR THE YEAR ENDING: December 31, 2004

1	2	3	4	5	6	7	8	9	10
Month		Total Million Gallons Water Filtered During Month of Runs	Total Number of Runs	Length of Runs in Hours	Million Gallons of Water Filtered Per Run	Million Gallons Per Day Per Filter	Total Amount in Million Gallons of Wash Water Used	Million Gallons of Wash Water Used Per Run	Percentage of wash Water Used Per Run
January	Max. Min. Avg.	277.45	51	170 139 166	7.000 3.459 5.440	0.75	9.01	0.177	5.10 2.52 3.25
February	Max. Min. Avg.	257.74	48	171 143 167	7.135 3.062 5.396	0.74	8.17	0.171	5.56 2.39 3.15
March	Max. Min. Avg.	331.63	57	191 141 167	7.958 3.125 5.818	0.82	9.97	0.174	5.60 2.20 3.01
April	Max. Min. Avg.	289.62	51	168 166 167	7.000 3.208 5.671	0.81	8.70	0.177	5.54 2.54 3.13
Мау	Max. Min. Avg.	286.23	51	171 143 167	7.000 3.590 5.612	0.77	9.10	0.178	4.97
June	Max. Min. Avg.	310.61	54	168 164 166	7.125 3.271 5.752	0.86	8.99	0.167	5.09 2.34 2.89
July	Max. Min. Avg.	302.97	48	177 164 167	8.395 4.980 6.311	0.81	8.47	0.176	3.54
August	Max. Min. Avg.	361.39	54	177 164 167	8.000 5.333 6.692	0.97	9.44	0.174	3.28 2.19 2.61
September	Max. Min. Avg.	346.52	54	195 134 167	7.746 4.624 6.416	0.96	9.35	0.173	3.74
October	Max. Min. Avg.	283.25	49	190 142 166	7.208 3.480 5.780	0.76	8.52	0.174	4.99 2.41 3.01
November	Max. Min. Avg.	307.61	54	171 142 166	7.000 2.959 5.697	0.85	9.29	0.172	5.82 2.46 3.02
December	Max. Min. Avg.	315.98	54	190 146 168	7.417 3.145 5.851	0.85	8.22	0.152	4.84 2.05 2.60
Total		3671.00	625			9.95	107.23	2.065	
General	Max. Min. Avg.	361.39 257.74 305.92	57 48 52	195 134 167	8.395 2.959 5.870	0.97 0.74 0.83	9.97 8.17 8.94	0.178 0.152 0.172	5.82 2.05 2.95

#### TABLE VII

#### FIVE YEAR ANALYSIS COMPOSITE DATA (2000-2004) FOR NEW ORLEANS DRINKING WATER PURIFICATION SYSTEM

	MIS	SISSIPPI R			FINISHED WA	
PARAMETER	-	ore Purifica			(After Purifica	
FARAIWETER	MAX	MIN	AVG	MAX	MIN	AVG
Total Alkalininty (ppm as CaCO3)	159	70	111	143	60	93
Total Hardness (ppm as CaCO3)	203	98	149	143	107	
Noncarbonate Hardness (ppm as CaCO3)	203	90 11	38	84	20	54
Calcium Hardness (ppm as CaCO3)	149	69	105	156	73	110
	83	2	45	68	10	37
Magnesium Hardness (ppm as CaCO3)	394	∠ 5	45 64	0.54	0.06	
Nephelometric Turbidity (N.T.U.)		-	-	0.54	0.06	0.15
Jackson Turbidity (J.T.U.) pH	480	25	100.8	9.81		
1	8.48 62	7.01 16	7.89 34	9.81	7.81 21	8.90 35
Chloride (ppm)	-	-	-			
Fluoride (ppm)	0.49	0.11	0.23	1.32	0.26	0.94
Total Dissolved Solids (ppm)	312	114 23	240 122	351	105	234
Total Suspended Solids (ppm)	-					
Free Chlorine Residual (ppm as CL2)				0.68	0.00	0.11
Total Chlorine Residual (ppm as CL2)				4.64	0.03	3.05
Ammonia (ppm as N)				1.20	0.02	0.17
Ortho Phosphate (ppm as PO4)	0.46	0.08	0.27	0.39	0.06	0.23
Total Phosphate (ppm as PO4)	0.48	0.2	0.31	0.54	0.2	0.34
Sulfate (ppm as SO4)	48.2	26.5	34.8	48.8	16.7	34.6
Nitrate (ppm as N) *	3.76	0.62	1.48	2.87	0.30	1.44
Color (Scale Units)	25	10	17	20	10	12
Conductivity (umhos/cm)	524	85	340	531	191	333
Temperature (Deg. F.)	87	36	66	92	50	73
Aluminum (ppb) *				110	0	27
Antimony (ppb) *				0.3	0	0.1
Arsenic (ppb) *				2.6	0	0.4
Barium (ppb) *				126	0	27
Beryllium (ppb) *				0	0	0
Cadmium (ppb) *				0.3	0	0
Chromium (ppb) *				8.0	0	0.5
Copper (ppb) *				200	0	10
Iron (ppb) *				130	0	23
Lead (ppb) *				3	0	0.1
Manganese (ppb) *				15	0	2
Mercury (ppb) *				0.6	0.0	0.0
Nickel (ppb) *				5.8	0.1	2.1
Selenium (ppb) *				3.1	0	0.4
Silver (ppb) *				0.2	0	0
Zinc (ppb) *				28	0	1.9
Potassium (ppm) *				7.1	2.5	4.2
Sodium (ppm) *				45	13	28
Thallium (ppb) *				0.2	0	0
Total Trihalomethanes (ppb)	0.3	0	0	54.3	8.3	23.2
Total Organic Carbon (ppm)	8.33	2.72	4.976	4.8	2.0	2.9
1, 2-Dichlorethane (ppb)	38	0	0.08	0.8	0.0	0.0
Chloroform (ppb)	0.2	0	0	43.2	5.7	15.6
Carbon Tetrachloride (ppb)	0.1	0	0	0.8	0.0	0.0
Bromodichloromethane (ppb)	0.1	0	0	12.0	1.5	6.0
Tetrachloroethene (ppb)	1.1	0	0	0.2	0.0	0.0
BTEX	160	0	0.3	2.4	0	0.1
Total Coliforms (colonies/100 ml)	13600	23	1313	6	0	0
Fecal coliforms (colonies/100 ml)	1630	0	109	0	0	0

Note: The 2004 results for nitrates and for the metal constituents ( parameters indicated with asterisks) are from Louisiana Department of Health and Hospitals testing. Results for these constituents in the other four years and for the other constituents in all five years are from testing by the Sewerage and Water Board Water Quality Laboratory. Concerning the chemical results, the Sewerage and Water Board Water Quality Laboratory does not meet the higher criteria required by DHH-OPH to be classified as a "DHH-OPH Certified Chemical Laboratory/Drinking Water"; therefore, any results reported from this laboratory for chemical drinking water parameters which are required to be analyzed in a certified laboratory are officially deemed invalid. This laboratory is certified for Total Coliform and Fecal Coliform bacteriological testing.

# TABLE VIII

### CARROLLTON OPERATION CHEMICAL COST PER MILLION GALLONS

CHEMICAL	CHEMICAL COST	CHEMICAL COST PER MILLION GALLONS
Lime	\$211,529.13	\$4.72
Ferric Coagulant	\$601,739.27	\$13.41
Chlorine	\$462,570.67	\$10.31
Sodium Polyphosphate	\$72,324.47	\$1.61
Polyelectrolyte	\$252,838.06	\$5.64
Fluoride (100%)	\$82,707.49	\$1.84
Ammonia	\$97,660.05	\$2.18
Carbon	\$0.00	\$0.00
TOTAL CHEMICALS	\$1,781,369.14	\$39.71

Purification Plant Operating Cost: Total Water Treated in 2004: \$4,868,326.00 44,861,910,000 Gallons

### TOTAL COST PER MILLION GALLONS

YEAR	TOTAL WATER TREATED IN MILLION GALLONS	OPERATING COST	TOTAL COST PER MILLION GALLONS
2004	44,861.91	\$4,868,326.00	\$108.52
2003	42,101.93	\$5,021,474.00	\$119.27
2002	38,921.50	\$4,793,704.00	\$123.16
2001	41,493.67	\$4,727,852.00	\$113.94
2000	46,758.31	\$4,627,313.00	\$98.96

# TABLE IX

### ALGIERS OPERATION CHEMICAL COST PER MILLION GALLONS

CHEMICAL	CHEMICAL COST	CHEMICAL COST PER MILLION GALLONS
Lime	\$74,587.25	\$20.13
Ferric Coagulant	\$60,344.16	\$16.28
Chlorine	\$31,588.42	\$8.52
Sodium Polyphosphate	\$9,134.00	\$2.46
Polyelectrolyte	\$22,778.83	\$6.15
Fluoride (100%)	\$4,192.93	\$1.13
Ammonia	\$8,996.96	\$2.43
Carbon	\$1,124.24	\$0.30
TOTAL CHEMICALS	\$212,746.79	\$57.41

Purification Plant Operating Cost: Total Water Treated in 2004: \$1,312,385.00 3,705,980,000 Gallons

### TOTAL COST PER MILLION GALLONS

YEAR	TOTAL WATER TREATED IN MILLION GALLONS	OPERATING COST	TOTAL COST PER MILLION GALLONS
2004	3,705.98	\$1,312,385.00	\$354.13
2003	3,673.39	\$1,274,335.00	\$346.91
2002	3,577.44	\$1,189,556.00	\$332.52
2001	3,839.54	\$1,284,487.00	
2000	4,425.96	\$1,362,279.00	\$307.79
1999	5,971.82	\$1,373,072.00	\$229.93

- NOTE: (1) Operating costs since 1996 include Pension, FICA and FICA-MED which were charged in previous years to payroll related groups.
  - (2) Beginning with the 2002 report, operating costs include the costs of the Purification Superintendent's office and the costs of the Laboratory. These costs are prorated between the Carrollton and Algiers Water Plants.

# TABLE X

# SLUDGE REMOVED FROM THE "G" BASINS PRIMARY TREATMENT UNITS DOOR MONORAKE CONVENTIONAL SYSTEM

### 2004

Total Million Gallons Water Treated	31,543.04
Total Tons Dry Sludge Deposited in Basins Including suspended and Dissolved	
Solids Removed and Reacting Chemicals	14,168
Total Million Gallons Wet Sludge Withdrawn from Basins	890.46
Average Percent solids in Wet Sludge	0.38
Total Million Gallons Water Used in withdrawing Sludge	889.05
Percent of Total Water Treated Used in Withdrawing Wet Sludge	2.82

# TABLE X-A

### SLUDGE REMOVED FROM THE "L" BASINS PRIMARY TREATMENT UNITS DOOR MONORAKE CONVENTIONAL SYSTEM 2004

Total Million Gallons Water Treated	13,309.00
Total Tons Dry Sludge Deposited in Basins Including suspended and Dissolved	
Solids Removed and Reacting Chemicals	6,901
Total Million Gallons Wet Sludge Withdrawn from Basins	343.16
Average Percent solids in Wet Sludge	0.48
Total Million Gallons Water Used in withdrawing Sludge	342.47
Percent of Total Water Treated Used in Withdrawing Wet Sludge	2.58

#### TABLE XI

# 2004 ANALYSIS DATA FOR NEW ORLEANS DRINKING WATER PURIFICATION SYSTEM

PARAMETER         (Before Purification)         (Atta Vinitation)           Total Alkalininty (ppn as CaCO3)         136         74         105         143         107         143           Noncarbonate Hardness (ppn as CaCO3)         161         20         38         74         20         54           Noncarbonate Hardness (ppn as CaCO3)         161         20         38         74         20         54           Carolum Hardness (ppn as CaCO3)         168         143         96         68         13         40           Nephelometric Turbidity (J.T.U.)         155         9         64         0.32         0.06         0.12           pH         8.15         7.01         7.66         9.34         8.19         8.89           Chold (ppm)         0.39         0.12         0.21         1.28         0.31         0.40           Total Dissolved Solids (ppm)         223         23         106           1.22         239         102         0.21         2.23         103         0.20         0.03         0.20         0.30         0.20         0.30         0.20         0.30         0.20         0.30         0.20         0.30         0.20         0.20		MISS	SISSIPPI RIV	/ER	FIN	ISHED WAT	ER
Total Akalininy (ppm as CaCO3)         136         74         105         143         70         111           Total Hardness (ppm as CaCO3)         182         107         143         196         127         165           Noncarbonate Hardness (ppm as CaCO3)         145         79         104         156         94         20         54           Magnesium Hardness (ppm as CaCO3)         68         143         39         68         13         40           Nephelometric Turbidity (J.T.U.)         198         25         103             pH         8.15         7.01         7.86         9.34         8.19         8.88           Chloride (ppm)         662         23         37         66         26         37           Flooride (ppm)         0.39         0.12         0.21         1.28         0.31         0.94           Total Suspended Solids (pm)         232         23         108             153         0.90         2.62         23         71         122         0.91         0.32         0.18         0.20         0.01         101         100         0.00         0.00         0.20	PARAMETER	(Bef	ore Purificati	ion)	(A	fter Purification	on)
Total Hardness (ppm as CaCO3)         182         107         143         196         127         165           Noncarbonate Hardness (ppm as CaCO3)         61         20         38         74         20         64           Carcium Hardness (ppm as CaCO3)         145         79         104         156         94         125           Magnesium Hardness (ppm as CaCO3)         68         14         39         68         13         40           Nephelometric Turbidity (J.T.U.)         155         9         64         0.32         0.06         0.12           Jackson Turbidity (J.T.U.)         198         25         103                     163         0.33         0.12         0.21         1.28         0.31         0.94         122         233         106             104         156         94         122         233         108             110         104         20         0.30         0.12         0.30         0.30		MAX	MIN	AVG	MAX	MIN	AVG
Noncationate Hardness (ppm as CaCO3)         61         20         38         74         20         54           Carcium Hardness (ppm as CaCO3)         145         79         104         156         94         125           Magnesium Hardness (ppm as CaCO3)         68         14         39         68         13         40           Nephelometric Turbidity (N.T.U.)         155         9         64         0.32         0.06         0.12           Jackson Turbidity (J.T.U.)         198         25         103	Total Alkalininty (ppm as CaCO3)	136	74	105	143	70	111
Carcium Hardness (ppm as CaCO3)         145         79         104         156         94         125           Magnesium Hardness (ppm as CaCO3)         68         14         39         68         13         40           Nephelometric Turbidity (N.T.U.)         155         9         64         0.32         0.06         0.12           Jackson Turbidity (J.T.U.)         198         25         103                        1.0.94         0.31         0.93         0.12         2.33         76         52         0.31         0.04         0.31         0.20         2.108		182	107	143	196	127	165
Carcium Hardness (ppm as CaCO3)         145         79         104         156         94         125           Magnesium Hardness (ppm as CaCO3)         68         14         39         68         13         40           Nephelometric Turbidity (N.T.U.)         155         9         64         0.32         0.06         0.12           Jackson Turbidity (J.T.U.)         198         25         103                        1.0.94         0.31         0.93         0.12         2.33         76         52         0.31         0.04         0.31         0.20         2.108	Noncarbonate Hardness (ppm as CaCO3)	61	20	38	74	20	54
Nephelometric Turbidity (N.T.U.)         155         9         64         0.32         0.06         0.12           Jackson Turbidity (J.T.U.)         198         25         103		145	79	104	156	94	125
Jackson Turbidity (J.T.U)         198         25         103              pH         8.15         7.01         7.86         9.34         8.19         8.88           Choride (ppm)         62         23         37         65         26         37           Fluoride (ppm)         303         179         228         291         212         239           Total Suspended Solids (ppm)         303         179         228         291         212         239           Total Suspended Solids (ppm as CL2)           0.60         0.02         0.10           Colar Chorine Residual (pm as CL2)           0.30         0.30         0.12           Total Chorine Residual (pm as PO4)         0.32         0.18         0.26         0.28         0.14         0.23           Total Phosphate (pm as N)           2	Magnesium Hardness (ppm as CaCO3)	68	14	39	68	13	40
pH         8.15         7.01         7.86         9.34         8.19         8.88           Chloride (ppm)         62         23         37         65         26         37           Total Dissolved Solids (ppm)         0.39         0.12         0.21         1.28         0.31         0.94           Total Dissolved Solids (ppm)         223         23         108           0.60         0.02         0.10           Total Suspended Solids (ppm as CL2)           0.30         0.03         0.03         0.12         0.21         0.28         0.14         0.23           Total Phosphate (ppm as N0           0.30         0.03         0.20         0.27         0.36         0.20         0.33           Total Phosphate (ppm as PO4)         0.32         0.18         0.26         0.33         3.77         27.8         38.6           Nitrate (ppm as N)*            2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         33         3	Nephelometric Turbidity (N.T.U.)	155	9	64	0.32	0.06	0.12
Chloride (ppm)         62         23         37         65         26         37           Fluoride (ppm)         0.39         0.12         0.21         1.28         0.31         0.94           Total Dissolved Solids (ppm)         223         23         108                       4.30         0.90         2.85           Armonia (ppm as N)           4.30         0.90         2.85         Armonia (ppm as PO4)         0.33         0.20         0.27         0.36         0.20         0.30           Total Phosphate (ppm as PO4)         0.33         0.20         0.27         0.36         0.20         0.30           Sulfate (ppm as N)*            2	Jackson Turbidity (J.T.U.)	198	25	103			
Fluoride (ppm)         0.39         0.12         0.21         1.28         0.31         0.94           Total Dissolved Solids (ppm)         223         23         108           223         210         222         223         108           100         0.02         0.01           Total Suspended Solids (ppm as CL2)           0.30         0.03         0.02         0.11           Total Chorine Residual (ppm as CL2)           0.30         0.03         0.12           Ortho Phosphate (ppm as PO4)         0.32         0.18         0.26         0.28         0.14         0.23           Total Phosphate (ppm as N)           0.33         0.20         0.27         0.36         0.20         0.30           Sulfate (ppm as N)*           10         12         2 <td< td=""><td>рН</td><td>8.15</td><td>7.01</td><td>7.86</td><td>9.34</td><td>8.19</td><td>8.88</td></td<>	рН	8.15	7.01	7.86	9.34	8.19	8.88
Total Dissolved Solids (ppm)         303         179         228         291         212         239           Total Suspended Solids (ppm as CL2)           0.60         0.02         0.10           Tree Chlorine Residual (ppm as CL2)           0.30         0.03         0.12           Chrlo Phosphate (ppm as PO4)         0.32         0.18         0.26         0.28         0.14         0.23           Total Phosphate (ppm as PO4)         0.33         0.20         0.27         0.36         0.20         0.33           Total Phosphate (ppm as SO4)         38.2         26.8         33.3         3.77         27.8         33.6           Nitrate (ppm as N)*             2         3 <td< td=""><td>Chloride (ppm)</td><td>62</td><td>23</td><td>37</td><td>65</td><td>26</td><td>37</td></td<>	Chloride (ppm)	62	23	37	65	26	37
Total Suspended Solids (ppm)         223         23         108             Free Chlorine Residual (ppm as CL2)           0.60         0.02         0.10           Total Chlorine Residual (ppm as N)           4.33         0.90         2.85           Armonia (ppm as N)           0.33         0.02         0.32           Ortho Phosphate (ppm as PO4)         0.32         0.18         0.26         0.28         0.14         0.23           Sulfate (ppm as SO4)         38.2         26.8         33.3         37.7         27.8         33.6           Color (Scale Units)         25         10         17         15         10         12           Color (Scale Units)         25         10         17         15         10         12           Color (Scale Units)         25         10         17         15         10         12           Color (Scale Units)           110         110         110         110           Artimony (ppb)*           0         0         0         0           Cardium (ppb)* </td <td>Fluoride (ppm)</td> <td>0.39</td> <td>0.12</td> <td>0.21</td> <td>1.28</td> <td>0.31</td> <td>0.94</td>	Fluoride (ppm)	0.39	0.12	0.21	1.28	0.31	0.94
Total Suspended Solids (ppm)         223         23         108             Free Chlorine Residual (ppm as CL2)           0.60         0.02         0.10           Total Chlorine Residual (ppm as N)           4.33         0.90         2.85           Armonia (ppm as N)           0.33         0.02         0.32           Ortho Phosphate (ppm as PO4)         0.32         0.18         0.26         0.28         0.14         0.23           Sulfate (ppm as SO4)         38.2         26.8         33.3         37.7         27.8         33.6           Color (Scale Units)         25         10         17         15         10         12           Color (Scale Units)         25         10         17         15         10         12           Color (Scale Units)         25         10         17         15         10         12           Color (Scale Units)           110         110         110         110           Artimony (ppb)*           0         0         0         0           Cardium (ppb)* </td <td>Total Dissolved Solids (ppm)</td> <td>303</td> <td>179</td> <td>228</td> <td>291</td> <td>212</td> <td>239</td>	Total Dissolved Solids (ppm)	303	179	228	291	212	239
Total Chorine Residual (ppm as CL2)         4.30       0.90       2.85         Ammonia (ppm as N)        0.30       0.03       0.12         Ortho Phosphate (ppm as PO4)       0.33       0.20       0.27       0.36       0.20       0.33         Sulfate (ppm as SO4)       0.33       0.20       0.27       0.36       0.20       0.33         Sulfate (ppm as N)*         2       3 <td< td=""><td></td><td>223</td><td>23</td><td>108</td><td></td><td></td><td></td></td<>		223	23	108			
Total Chorine Residual (ppm as CL2)         4.30       0.90       2.85         Ammonia (ppm as N)        0.30       0.03       0.12         Ortho Phosphate (ppm as PO4)       0.33       0.20       0.27       0.36       0.20       0.33         Sulfate (ppm as SO4)       0.33       0.20       0.27       0.36       0.20       0.33         Sulfate (ppm as N)*         2       3 <td< td=""><td>Free Chlorine Residual (ppm as CL2)</td><td></td><td></td><td></td><td>0.60</td><td>0.02</td><td>0.10</td></td<>	Free Chlorine Residual (ppm as CL2)				0.60	0.02	0.10
Ammonia (ppm as N)         0.30       0.03       0.12         Ortho Phosphate (ppm as PO4)       0.32       0.18       0.26       0.28       0.14       0.23         Sulfate (ppm as SO4)       38.2       26.8       33.3       37.7       27.8       33.6         Nitrate (ppm as N)*         2       2       2       2         Color (Scale Units)       25       10       17       15       10       12         Conductivity (umhos/cm)       488       204       342       531       280       394         Temperature (Deg, F.)       87       45       67       86       56       73         Aluminum (ppb)*         0       0       0       0         Aritinony (ppb)*         0       0       0       0         Barlium (ppb)*         0       0       0       0       0         Copper (ppb)*         0       0       0       0       0         Manganese (ppb)*         0       0       0       0       0 <tr< td=""><td></td><td></td><td></td><td></td><td>4.30</td><td>0.90</td><td>2.85</td></tr<>					4.30	0.90	2.85
Ortho Phosphate (ppm as PO4)         0.32         0.18         0.26         0.28         0.14         0.23           Total Phosphate (ppm as PO4)         0.33         0.20         0.27         0.36         0.20         0.30           Sulfate (ppm as SO4)         38.2         26.8         33.3         37.7         27.8         33.6           Nitrate (ppm as N)*           2         2         2         2           Color (Scale Units)         25         10         17         15         10         12           Conductivity (umhos/cm)         488         204         342         531         280         394           Temperature (Deg. F.)         87         45         67         86         56         73           Aluminum (ppb)*           0         0         0         0           Arsenic (ppb)*           0							
Total Phosphate (ppm as PO4)         0.33         0.20         0.27         0.36         0.20         0.30           Sulfate (ppm as N)*           2		0.32	0.18	0.26	0.28		
Nitrate (ppm as N) *           2         2         2           Color (Scale Units)         25         10         17         15         10         12           Conductivity (umhos/cm)         488         204         342         531         280         394           Temperature (Deg. F.)         87         45         67         86         56         73           Aluminum (ppb)*            0         0         0           Arsenic (ppb)*           0         0         0         0           Barium (ppb)*           0         0         0         0           Cadmium (ppb)*           0         0         0         0           Copper (ppb)*           0         0         0         0           Copper (ppb)*           200         0         0         0           Manganese (ppb)*           130         0         0         0           Selenium (ppb)*           0		0.33	0.20	0.27	0.36	0.20	0.30
Nitrate (ppm as N) *           2         2         2           Color (Scale Units)         25         10         17         15         10         12           Conductivity (umhos/cm)         488         204         342         531         280         394           Temperature (Deg. F.)         87         45         67         86         56         73           Aluminum (ppb)*            0         0         0           Arsenic (ppb)*           0         0         0         0           Barium (ppb)*           0         0         0         0           Cadmium (ppb)*           0         0         0         0           Copper (ppb)*           0         0         0         0           Copper (ppb)*           200         0         0         0           Manganese (ppb)*           130         0         0         0           Selenium (ppb)*           0		38.2	26.8	33.3			
Color (Scale Units)         25         10         17         15         10         12           Conductivity (umhos/cm)         488         204         342         531         280         394           Temperature (Deg, F.)         87         45         67         86         56         73           Aluminum (ppb)*           110         110         110         110           Antimony (ppb)*           0         0         0         0           Barium (ppb)*           0         0         0         0           Barium (ppb)*           0         0         0         0           Copper (ppb)*           0         0         0         0           Copper (ppb)*           200         0         0         0           Iron (ppb)*           130         0         40           Lead (ppb)*           130         0         0           Marcury (ppb)*           0         0         0					2	2	2
Conductivity (umhos/cm)         488         204         342         531         280         394           Temperature (Deg, F.)         87         45         67         86         56         73           Aluminum (ppb)*           110         110         110         110           Antimory (ppb)*           0         0         0         0           Arsenic (ppb)*           0         0         0         0           Barlum (ppb)*           0         0         0         0           Cadmium (ppb)*           0         0         0         0           Copper (ppb)*           0         0         0         0           Copper (ppb)*           130         0         0         0           Icad (ppb)*           130         0         0         0           Soldium (ppb)*           130         0         0         0           Soldium (ppb)* <td< td=""><td></td><td>25</td><td>10</td><td>17</td><td></td><td></td><td>12</td></td<>		25	10	17			12
Temperature (Deg. F.)         87         45         67         86         56         73           Aluminum (ppb)*           110         110         110         110           Antimony (ppb)*           0         0         0         0           Arsenic (ppb)*           0         0         0         0           Baryling (ppb)*           0         0         0         0           Cadmium (ppb)*           0         0         0         0           Cadmium (ppb)*           0         0         0         0           Copper (ppb)*           0         0         0         0           Copper (ppb)*           130         0         40           Manganese (ppb)*           10         0         0           Marcarese (ppb)*           10         0         0         0           Selenium (ppb)*           0         0							
Aluminum (ppb)*         110       110       110       110         Antimony (ppb)*         0       0       0         Arsenic (ppb)*         0       0       0         Barium (ppb)*         0       0       0         Barium (ppb)*         0       0       0         Cadmium (ppb)*         0       0       0         Cadmium (ppb)*         0       0       0         Copper (ppb)*         0       0       0         Copper (ppb)*         130       0       40         Lead (ppb)*         130       0       0         Marcury (ppb)*         10       0       0         Mercury (ppb)*         0       0       0         Selenium (ppb)*         0       0       0       0         Silver (ppb)*         0       0 <td></td> <td>87</td> <td>45</td> <td>67</td> <td>86</td> <td>56</td> <td>73</td>		87	45	67	86	56	73
Antimony (ppb)*         0       0       0         Arsenic (ppb)*         0       0       0         Barlum (ppb)*         0       0       0         Beryllium (ppb)*         0       0       0         Cadmium (ppb)*         0       0       0         Cadmium (ppb)*         0       0       0         Cadmium (ppb)*         0       0       0         Copper (ppb)*         200       0       0         Iron (ppb)*         130       0       40         Lead (ppb)*         10       0       0         Manganese (ppb)*         0       0       0       0         Nickel (ppb)*         0       0       0       0         Silver (ppb)*         0       0       0       0         Solium (ppn)*         0					110	110	110
Arsenic (ppb) *         0       0       0         Barium (ppb) *         0       0       0         Beryllium (ppb) *         0       0       0         Cadmium (ppb) *         0       0       0         Chromium (ppb) *         200       0       0         Chromium (ppb) *         200       0       0         Manganese (ppb) *         10       0       0         Marcur (ppb) *         0       0       0       0         Nickel (ppb) *         0       0       0       0         Silver (ppb) *         0       0       0       0       0         Potassium (ppm) *        <	u 1 /				0	0	0
Barium (ppb) *           0         0         0           Beryllium (ppb) *           0         0         0         0           Cadmium (ppb) *           0         0         0         0           Chromium (ppb) *           0         0         0         0           Copper (ppb) *           0         0         0         0           Ion (ppb) *           130         0         40           Lead (ppb) *           130         0         40           Lead (ppb) *           3         0         0           Manganese (ppb) *           10         0         0           Mickel (ppb) *           0         0         0         0           Selenium (ppp) *           0         0         0         0           Solium (ppb) *            0         0         0           To							0
Beryllium (ppb) *           0         0         0           Cadmium (ppb) *           0         0         0         0           Chromium (ppb) *           0         0         0         0           Copper (ppb) *           200         0         0         0           Iron (ppb) *           200         0         0         0           Lead (ppb) *           3         0         0         0           Manganese (ppb) *           10         0         0         0           Mercury (ppb) *           0         0         0         0           Selenium (ppb) *           0         0         0         0           Silver (ppb) *           0         0         0         0           Zinc (ppb) *           0         0         0         0           Ottal Trihalomethanes (ppb)         0.0         0.0         0.0 <t< td=""><td></td><td></td><td></td><td></td><td>0</td><td>0</td><td>0</td></t<>					0	0	0
Cadmium (ppb) *           0         0         0           Chromium (ppb) *           0         0         0           Copper (ppb) *           200         0         0           Iron (ppb) *           200         0         0           Iron (ppb) *           3         0         0           Manganese (ppb) *           3         0         0           Marganese (ppb) *           10         0         0           Mercury (pb) *           0         0         0           Nickel (ppb) *           0         0         0           Selenium (ppb) *           0         0         0           Silver (ppb) *           0         0         0         0           Old pb *            6.0         2.5         3.8           Sodium (ppm) *	u 1 7				0	0	0
Chromium (ppb) *           0         0         0         0           Copper (ppb) *           200         0         0         0           Iron (ppb) *           130         0         40           Lead (ppb) *           3         0         0           Manganese (ppb) *           10         0         0           Mercury (ppb) *           0         0         0           Nickel (ppb) *           0         0         0           Selenium (ppb) *           0         0         0         0           Silver (ppb) *           0         0         0         0         0           Zinc (ppb) *            0         0         0         0         0           Potassium (ppm) *            6.0         2.5         3.8           Sodium (ppm) *           0         0					0	0	
Copper (ppb)*           200         0         0           Iron (ppb)*           130         0         40           Lead (ppb)*           3         0         0           Manganese (ppb)*           3         0         0         0           Mercury (ppb)*           0         0         0         0           Nickel (ppb)*           0         0         0         0           Selenium (ppb)*           0         0         0         0           Silver (ppb)*           0         0         0         0           Zinc (ppb)*            0         0         0         0           Potassium (ppm)*            0         0         0         0           Total Trihalomethanes (ppb)         0.0         0.0         0.0         0.0         0.0         0.0         0.0           Carbon Tetrachloride (ppb)         0.0         0.0					0	0	
Iron (ppb)*          130         0         40           Lead (ppb)*           3         0         0           Manganese (ppb)*           3         0         0         0           Marganese (ppb)*           10         0         0         0           Mercury (ppb)*           0         0         0         0         0           Nickel (ppb)*           0         0         0         0         0           Selenium (ppb)*           0 </td <td></td> <td></td> <td></td> <td></td> <td>200</td> <td>0</td> <td>0</td>					200	0	0
Lead (ppb) *           3         0         0           Manganese (ppb) *           10         0         0           Mercury (ppb) *           0         0         0         0           Nickel (ppb) *           0         0         0         0           Selenium (ppb) *           0         0         0         0           Silver (ppb) *           0         0         0         0           Silver (ppb) *           0         0         0         0           Zinc (ppb) *            0         0         0           Potassium (ppm) *            6.0         2.5         3.8           Sodium (ppn) *           24.7         19.6         24.4           Thallium (ppb) *           0         0         0           Total Trihalomethanes (ppb)         0.0         0.0         0.0         0.0         0.0						0	40
Manganese (ppb) *           10         0         0           Mercury (ppb) *           0         0         0         0           Nickel (ppb) *           0         0         0         0           Selenium (ppb) *           0         0         0         0           Silver (ppb) *           0         0         0         0           Zinc (ppb) *           0         0         0         0           Potassium (ppm) *           6.0         2.5         3.8           Sodium (ppm) *           6.0         2.5         3.8           Sodium (ppm) *           24.7         19.6         24.4           Thallium (pb) *           0         0         0           Total Trihalomethanes (ppb)         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></td<>							0
Mercury (ppb) *           0         0         0         0           Nickel (ppb) *           0					10	0	
Nickel (pb) *           0         0         0           Selenium (ppb) *           0         0         0         0           Silver (ppb) *           0         0         0         0         0           Zinc (ppb) *           0         0         0         0         0           Potassium (ppm) *            6.0         2.5         3.8           Sodium (ppm) *            6.0         2.5         3.8           Sodium (ppm) *            0         0         0           Total Trihalomethanes (ppb)         0.0					0	0	
Selenium (ppb) *           0         0         0           Silver (ppb) *           0         0         0         0           Zinc (ppb) *           0         0         0         0         0           Potassium (ppm) *           6.0         2.5         3.8           Sodium (ppm) *           6.0         2.5         3.8           Sodium (ppm) *           6.0         2.5         3.8           Sodium (ppm) *           0         0         0         0           Total Trihalomethanes (ppb)         0.0         0.0         0.0         54.3         14.7         26.6           Total Organic Carbon (ppm)         6.8         3.6         5.1         4.8         2.4         3.3           1, 2-Dichlorethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Carbon Tetrachloride (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Bromodichloromethane (ppb)         0.0         0.0	2 11 7						
Silver (ppb)*           0         0         0           Zinc (ppb)*           0         0         0         0           Potassium (ppm)*           6.0         2.5         3.8           Sodium (ppm)*           6.0         2.5         3.8           Sodium (ppm)*           24.7         19.6         24.4           Thallium (ppb)*           0         0         0         0           Total Trihalomethanes (ppb)         0.0         0.0         0.0         54.3         14.7         26.6           Total Organic Carbon (ppm)         6.8         3.6         5.1         4.8         2.4         3.3           1, 2-Dichlorethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0           Carbon Tetrachloride (ppb)         0.0         0.0         0.0         0.0         0.0         0.0         0.0           Bromodichloromethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0					0	0	0
Zinc (ppb) *           0         0         0         0           Potassium (ppm) *           6.0         2.5         3.8           Sodium (ppm) *           6.0         2.5         3.8           Sodium (ppm) *           24.7         19.6         24.4           Thallium (ppb) *           0         0         0         0           Total Trihalomethanes (ppb)         0.0         0.0         0.0         54.3         14.7         26.6           Total Organic Carbon (ppm)         6.8         3.6         5.1         4.8         2.4         3.3           1, 2-Dichlorethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Carbon Tetrachloride (ppb)         0.0         0.0         0.0         0.0         0.0         0.0         0.0           Bromodichloromethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Bromodichloromethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0						0	
Potassium (ppm) *           6.0         2.5         3.8           Sodium (ppm) *           24.7         19.6         24.4           Thallium (ppb) *           0         0         0           Total Trihalomethanes (ppb)         0.0         0.0         0.0         54.3         14.7         26.6           Total Organic Carbon (ppm)         6.8         3.6         5.1         4.8         2.4         3.3           1, 2-Dichlorethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Carbon Tetrachloride (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Bromodichloromethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0         0.0					0	0	0
Sodium (ppm)*           24.7         19.6         24.4           Thallium (ppb)*           0         0         0           Total Trihalomethanes (ppb)         0.0         0.0         0.0         0.0         0.0         0           Total Trihalomethanes (ppb)         0.0         0.0         0.0         54.3         14.7         26.6           Total Organic Carbon (ppm)         6.8         3.6         5.1         4.8         2.4         3.3           1, 2-Dichlorethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Carbon Tetrachloride (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Bromodichloromethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Bromodichloromethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Bromodichloromethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           BTX (Benzene, Toluene & Xylenes) (ppb)         1.7         0.0         0.0         0.0         0.1					6.0	2.5	3.8
Thallium (ppb) *           0         0         0           Total Trihalomethanes (ppb)         0.0         0.0         0.0         54.3         14.7         26.6           Total Organic Carbon (ppm)         6.8         3.6         5.1         4.8         2.4         3.3           1, 2-Dichlorethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Chloroform (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Carbon Tetrachloride (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Bromodichloromethane (ppb)         0.0         0.0         0.0         10.5         3.7         7.1           Tetrachloroethene (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           BTX (Benzene, Toluene & Xylenes) (ppb)         1.7         0.0         0.0         0.1         0.1							
Total Trihalomethanes (ppb)         0.0         0.0         0.0         54.3         14.7         26.6           Total Organic Carbon (ppm)         6.8         3.6         5.1         4.8         2.4         3.3           1, 2-Dichlorethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Chloroform (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Carbon Tetrachloride (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Bromodichloromethane (ppb)         0.0         0.0         0.0         10.5         3.7         7.1           Tetrachloroethene (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           BTX (Benzene, Toluene & Xylenes) (ppb)         1.7         0.0         0.0         0.1         0.1							
Total Organic Carbon (ppm)         6.8         3.6         5.1         4.8         2.4         3.3           1, 2-Dichlorethane (ppb)         0.0         0.0         0.0         0.0         0.0         0.0         0.0           Chloroform (ppb)         0.0         0.0         0.0         0.0         43.2         10.5         18.0           Carbon Tetrachloride (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Bromodichloromethane (ppb)         0.0         0.0         0.0         10.5         3.7         7.1           Tetrachloroethene (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           BTX (Benzene, Toluene & Xylenes) (ppb)         1.7         0.0         0.0         0.1         0.1		0.0	0.0	0.0			-
1, 2-Dichlorethane (ppb)         0.0 <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	<u> </u>						
Chloroform (ppb)         0.0         0.0         0.0         43.2         10.5         18.0           Carbon Tetrachloride (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           Bromodichloromethane (ppb)         0.0         0.0         0.0         10.5         3.7         7.1           Tetrachloroethene (ppb)         0.0         0.0         0.0         0.0         0.0         0.0           BTX (Benzene, Toluene & Xylenes) (ppb)         1.7         0.0         0.0         2.0         0.0         0.1	•						
Carbon Tetrachloride (ppb)         0.0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Bromodichloromethane (ppb)         0.0         0.0         0.0         10.5         3.7         7.1           Tetrachloroethene (ppb)         0.0         0.0         0.0         0.0         0.0         0.0         0.0           BTX (Benzene, Toluene & Xylenes) (ppb)         1.7         0.0         0.0         2.0         0.0         0.1					-		
Tetrachloroethene (ppb)         0.0							
BTX (Benzene, Toluene & Xylenes) (ppb) 1.7 0.0 0.0 2.0 0.0 0.1	<u> </u>						
Fecal Coliforms (colonies/100 ml) 1475 6 96 0 0 0						-	

Note: The results for nitrates and for the metal constituents (indicated with asterisks) are from Louisiana Department of Health and Hospitals testing. All other results are from testing by the Sewerage and Water Board Water Quality Laboratory. Concerning the chemical results, the Sewerage and Water Board Water Quality Laboratory does not meet the higher criteria required by DHH-OPH to be classified as a "DHH-OPH *Certified* Chemical Laboratory/Drinking Water", therefore, any results reported from this laboratory for chemical drinking water parameters which are required to be analyzed in a certified laboratory are officially deemed invalid. This laboratory is certified for Total Coliform and Fecal Coliform bacteriological testing.

# TABLE XII

### EXTRACTS FROM TABLES IV-E AND V 20 Year Period, 1985 to 2004 Inclusive Maximum, Minimum, and Average Amount of Water Treated Per Day (M.G. per 24 Hours)

YEAR		CARROLLTON			ALGIERS	
TEAR	MAX.	MIN.	AVG.	MAX.	MIN.	AVG.
1985	210.04	99.75	124.08	14.96	8.54	10.49
1986	175.77	89.12	121.50	13.71	8.04	10.29
1987	137.63	95.08	116.42	13.46	7.45	10.42
1988	146.38	94.71	118.38	13.71	8.34	10.19
1989	240.00	93.83	119.54	18.75	7.00	9.80
1990	162.50	100.46	119.61	14.78	8.00	10.46
1991	133.29	98.92	114.79	12.50	8.00	9.60
1992	139.00	97.00	115.22	13.88	8.00	9.88
1993	140.38	103.25	117.41	15.42	7.62	10.18
1994	128.88	103.88	113.71	17.00	8.00	11.47
1995	142.83	104.67	121.40	18.14	9.00	11.55
1996	198.42	91.59	128.97	18.27	9.00	11.47
1997	156.53	112.70	128.73	18.83	9.58	12.06
1998	152.96	98.48	126.86	22.96	12.00	12.36
1999	168.25	122.55	140.26	22.00	8.90	15.19
2000	152.50	126.71	128.10	18.83	7.58	12.13
2001	153.93	107.75	126.70	15.76	6.00	10.90
2002	128.67	87.00	106.63	14.00	6.66	9.80
2003	144.26	90.75	115.35	13.16	8.00	10.06
2004	145.83	102.92	122.57	13.16	8.00	10.15

#### TABLE XIII

#### Monthly Temperature (Degrees Farenheit) of the Mississippi River Water at the Carrollton Plant

MONTHLY	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
January	40	45	46	64	45	50	39	45	48	49	
February	38	48	50	50	50	49	44	46	48	47	
March	43	52	57	52	50	55	49	49	51	54	
April	55	57	61	61	60	60	57	56	60	62	
Мау	62	68	63	70	67	69	69	67	70	71	
June	77	76	75	80	77	78	75	74	73	79	
July	82	83	83	85	82	83	82	82	79	83	
August	85	83	87	85	87	86	84	84	81	84	
September	84	82	83	83	83	84	83	82	80	81	
October	73	72	77	76	74	72	73	73	73	74	
November	60	62	67	65	66	63	63	62	65	65	
December	50	51	59	57	56	47	56	53	53	53	
Maximum	88	84	90	87	89	87	87	85	83	87	
Minimum	36	40	39	47	42	39	36	42	46	45	
Average	62	65	67	68	66	66	65	64	64	67	
Ten Year Period Maximum: 90 Minimum: 36 Average: 65											

# TABLE XIV

2000	2001	2002	2003	2004					
60	54	61	60	65					
60	63	63	62	62					
67	68	65	66	65					
70	74	72	71	73					
76	78	77	78	78					
80	79	82	80	84					
85	82	83	81	83					
85	84	83	83	85					
83	82	84	83	82					
78	77	79	81	80					
72	71	72	77	75					
60	64	64	68	69					
92	89	87	86	88					
50	49	52	52	58					
72	73	74	74	75					
Five Year Period									
	Minimum	49							
	Average	74							
	60 60 67 70 76 80 85 85 83 78 72 60 92 50 72	60       54         60       63         67       68         70       74         76       78         80       79         85       82         85       84         83       82         78       77         72       71         60       64         92       89         50       49         72       73	60       54       61         60       63       63         67       68       65         70       74       72         76       78       77         80       79       82         85       82       83         83       82       84         78       77       79         72       71       72         60       64       64         92       89       87         50       49       52         72       73       74         Five Year Period         Maximum 92         Maximum 49       49	60       54       61       60         60       63       63       62         67       68       65       66         70       74       72       71         76       78       77       78         80       79       82       80         85       82       83       81         85       84       83       83         78       77       79       81         72       71       72       77         60       64       64       68         92       89       87       86         50       49       52       52         72       73       74       74					

# Monthly Temperature (Degrees Farenheit) of the Tap Water at the Carrollton Plant

#### New Orleans East Bank Sewage Treatment Plant Yearly Summary T 1 т 1 a 0.4

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2004
PLANT FLOW (MGD)			07	102			100			102		102	
Average	99	132	86	102	122	125	109	89	80	103	99	102	104
Maximum	190	180	123	193	179	179	163	121	95	181	145	165	193
INFLUENT BOD (mg/l)													
Average	204	139	227	296	182	100	102	120	231	270	222	175	189
Maximum	477	262	528	645	541	417	334	274	464	406	583	362	645
		202	020	010				2/1	101	100	200	202	012
INFLUENT TSS (mg/l)													
Average	320	174	259	311	336	145	148	183	385	415	307	299	274
Maximum	832	306	575	561	799	479	511	441	816	655	647	936	832
INFLUENT BOD (lbs/day)													
	177,744	113.348	219,827	257,985	139.032	107,964	119.643	116,182	174,386	185.231	172,125	140.514	160.332
Average	518,574			582,550	443,659		459,469	559,587			395,407		
Maximum	518,574	378,422	634,067	582,550	443,059	463,911	459,469	559,587	372,650	412,671	395,407	339,967	634,067
INFLUENT TSS (lbs/day)			1		1			1	1	1			
Average	270,872	144,873	256,901	276,605	260,840	159,067	178,011	170,520	299,352	310,666	235,948	238,172	233,486
Maximum	621,030	46,882	843,040	617,083	676,263	560,282	756,970	618,987	839,791	677,955	487,894	849,553	849,553
EFFLUENT BOD (mg/l)	20	18		27	17	16		12		10	20	10	10
Average Weakly Maximum	20	18	21	27	17	16	14	13	17 20	19	20	18 20	. 18 41
Weekly Maximum	34	23	26	41	21	22	17	14	20	27	22	20	41
EFFLUENT TSS (mg/l)													
Average	29	27	29	45	30	22	16	18	15	25	31	17	25
Weekly Maximum	44	33	31	71	43	25	17	20	16	43	45	30	71
EFFLUENT BOD (lbs/day)													
Average	17,689	19,458	15,159	26,599	17,345	16,546	13,062	9,867	11,414	17,024	17,239	15,692	16,425
Weekly Maximum	93,512	36,321	25,995	227,932	35,060	32,978	22,238	30,534	20,780	65,409	71,875	43,991	227,932
EFFLUENT TSS (lbs/day)													
Average	26,003	30,471	20,616	44,495	33,693	23,531	14,311	12,988	10,034	23,559	27,621	15,610	23,573
Weekly Maximum	187,972	67,554	37,290	290,416	117,149	49,382	31,207	31,702	16,756	210,801	235,163	127,732	290,416
EFFLUENT CL2 (mg/l)													
Average	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Maximum	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
EFFLUENT COLIFORM (col/100 ml)													
Average (Geo)	5	13	24	16	11	4	39	16	9	21	7	14	15
Wkly Maximum (Geo)	6	121	95	64	123	7	242	78	14	86	20	54	242
wkiy Maximulii (Geo)	0	121	95	04	123	7	242	78	14	00	20	34	242
EFFLUENT pH (SU)													
Minimum	6.30	6.30	6.20	6.20	6.10	6.20	6.30	6.10	6.20	6.20	6.20	6.20	6.10
Maximum	6.70	6.80	6.60	6.50	6.50	6.80	7.00	6.50	6.60	6.80	6.40	7.20	7.00
BURNED SLUDGE (tons)													
Average per day	30	29	32	36	40	39	43	31	30	30	37	32	34
Total	927	753	929	1,039	1,232	1,168	1,321	972	809	867	1,117	986	12,120
ELECTRICITY (kwhr)													
Average per day	57,987	78,786	55,819	63,948	85,960	92,120	79,520	68,013	63,000	60,697	72,520	76,684	71,255
Total - East Bank only	1,797,600	2,284,800	1,730,400	1,982,400	2,578,800	2,763,600	2,385,600	2,108,400	1,890,000	1,881,600	2,175,600	2,377,200	25,956,000
10tai - East Dallk Olly	1,797,000	2,204,000	1,730,400	1,962,400	2,370,000	2,703,000	2,303,000	2,100,400	1,090,000	1,001,000	2,175,000	2,311,200	23,950,000
RAINFALL (inches)													
Total	3.3	8.1	1.0	8.3	7.4	10.3	4.8	4.2	1.1	5.6	6.1	2.8	63.0
10(4)	5.5	0.1	1.0	0.0	/.4	10.5	4.0	7.4	1.1	5.0	0.1	2.0	0.00

# New Orleans West Bank Sewage Treatment Plant Yearly Summary

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2004
PLANT FLOW (MGD)													
Average	9.1	13.9	7.2	9.6	11.7	9.6	8.3	6.8	6.6	8.1	8.4	10.4	9.1
Maximum	26.9	27.8	13.0	26.3	24.8	17.0	13.4	14.2	8.1	30.0	17.3	27.4	30.0
INFLUENT BOD (mg/l)													
Average	88	54	91	80	73	74	95	82	97	74	79	75	80
Maximum	161	85	133	120	160	147	196	239	191	133	129	132	239
INFLUENT TSS (mg/l)													
Average	102	80	95	84	89	95	105	142	86	94	74	64	93
Maximum	190	506	251	162	147	230	186	368	200	463	213	227	506
INFLUENT BOD (lbs/day)													
Average	7,653	6,746	7,671	7,565	7,511	6,346	6,730	5,398	5,365	4,908	5,595	6,556	6,504
Maximum	12,866	13,235	11,958	12,449	13,028	13,271	12,285	13,531	9,856	7,816	9,798	12,235	13,531
INFLUENT TSS (lbs/day)													
Average	8,768	10,453	8,351	8,159	10,061	8,881	7,475	9,690	4,768	6,915	5,768	5,999	7,941
Maximum	14,817	70,897	30,711	16,971	20,976	26,855	13,267	24,246	11,176	25,099	26,291	20,316	70,897
EFFLUENT BOD (mg/l)													
Average	23	22	21	19	19	12	11	14	12	13	16	16	17
Wkly Maximum	29	26	21	22	26	14	13	21	18	14	18	21	29
EFFLUENT TSS (mg/l)													
Average	28	30	29	22	21	15	11	14	14	15	17	16	19
Wkly Maximum	34	33	31	25	25	19	14	22	18	22	23	10	34
		00		20					10		20		
EFFLUENT BOD (lbs/day)	1,632	2,578	1,293	1,673	1,722	020	786	705	683	961	1164	1,277	1,290
Average Maximum	3,261	2,578 6,770	3,209	5,530	3,990	920 2,999	2,280	795 2,060	1,271	6,067	1,164 3,874	2,362	6,770
Maximum	3,201	0,770	3,209	5,550	3,990	2,999	2,280	2,000	1,2/1	0,007	3,874	2,302	0,770
EFFLUENT TSS (lbs/day)													
Average	2,015	3,551	1,805	1,934	2,003	1,224	708	837	765	1,399	1,242	1,352	1,570
Maximum	5,359	9,232	4,120	5,885	4,297	3,383	1,832	2,333	2,581	13,361	2,807	4,119	13,361
EFFLUENT CL2 (mg/l)													
Maximum	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.3	1.4	1.4	1.4
EFFLUENT COLIFORM (col/100 ml)													
Average (Geo)	17	48	12	19	81	40	21	9	4	5	17	36	26
Wkly Maximum	34	220	15	93	344	392	44	24	5	12	45	81	344
EFFLUENT pH (SU)	7.00	6.00				- 10	<i>c</i> <b>1</b> 0		6.00	6.00			
Minimum	7.20	6.90	7.00	7.20	7.05	7.10	6.40	7.00	6.80	6.90	6.91	7.20	6.40
Maximum	7.70	7.70	7.50	7.60	7.42	7.60	7.60	7.40	7.20	7.50	7.90	7.81	7.90
DISPOSED SLUDGE (tons)													
Total	208	330	283	221	202	220	262	207	154	193	147	115	2,542
	200	550	205		202	220	202	207	1.57	175	17/	115	2,542
ELECTRICITY (kwhr)													
Average per day	11,426	12,600	10,206	11,389	11,247	13,440	11,652	11,200	10,080	9,981	10,920	9,439	11,047
Total	354,200	352,800	316,400	341,600	337,400	12,973	361,200	347,200	302,400	309,400	327,600	292,600	4,032,000
DADIEATI (Such a)													
RAINFALL (inches) Total	3.3	8.1	1.0	8.3	7.4	10.3	4.8	42	1.1	5.6	6.1	2.8	63.0
10(2)	3.3	6.1	1.0	8.3	/.4	10.5	4.ð	4.2	1.1	5.0	0.1	2.8	03.0

#### ANNUAL REPORT 2004 WATER TABULATION

LENGTH OF WATER MAINS OF EACH SIZE AND MATERIAL, NUMBER OF VALVES OF EACH SIZE, BOTH GATE AND CHECK, ORIGINALLY INSTALLED, THE QUANTITIES REMOVED OR ABANDONED, AND THE QUANTITIES REMAINING IN THE DISTRIBUTON SYSTEM AND HYDRANTS, AS OF THE CLOSE OF 2004

50"         Steel Pipe         88,374.00         0.00         0.00         88,           48"         Steel Pipe         36,637.10         0.00         0.00         36,           48"         Concrete Pipe         4,982.90         0.00         0.00         44           48"         Cast Iron Pipe         12,759.30         0.00         0.00         11,           43"         Cast Iron Pipe         11,170.10         0.00         0.00         14,           42"         Concrete Pipe         9,361.90         0.00         0.00         4,           6"         Cast Iron Pipe         4,523.30         0.00         0.00         4,           6"         Cast Iron Pipe         16,761.20         0.00         0.00         37,           6"         Concrete Pipe         37,374.70         0.00         0.00         37,           6"         Cast Iron Pipe         60,840.10         0.00         0.00         30,           0"         Cast Iron Pipe         17,48.60         0.00         0.00         19,           30"         Concrete Pipe         17,272.42.0         0.00         0.00         14,           20"         P.V.C. Pipe         1,483.10         0	
50"         Steel Pipe         88,374.00         0.00         0.00         88,           48"         Steel Pipe         36,637.10         0.00         0.00         36,           48"         Concrete Pipe         4,982.90         0.00         0.00         44           48"         Cast Iron Pipe         12,759.30         0.00         0.00         12,           43"         Cast Iron Pipe         11,170.10         0.00         0.00         14,           42"         Concrete Pipe         9,361.90         0.00         0.00         4,           46"         Cast Iron Pipe         4,523.30         0.00         0.00         4,           46"         Cast Iron Pipe         16,761.20         0.00         0.00         37,           36"         Concrete Pipe         37,374.70         0.00         0.00         37,           36"         Prestressed Concrete         675.00         0.00         0.00         36,           30"         Cast Iron Pipe         16,654.40         0.00         0.00         36,           30"         Ductile Iron Pipe         17,48.60         0.00         0.00         19,           30"         Concrete Pipe         1,483.10	
48"         Steel Pipe         36,637.10         0.00         0.00         36,           48"         Concrete Pipe         4,982.90         0.00         0.00         4,           48"         Cast Iron Pipe         12,759.30         0.00         0.00         11,           43"         Cast Iron Pipe         11,170.10         0.00         0.00         11,           42"         Concrete Pipe         9,361.90         0.00         0.00         4,           64"         Cast Iron Pipe         4,523.30         0.00         0.00         4,           66"         Concrete Pipe         37,374.70         0.00         0.00         36,           76"         Prestressed Concrete         675.00         0.00         0.00         36,           30"         Cast Iron Pipe         40,654.40         0.00         0.00         36,           30"         Ductile Iron Pipe         35.00         0.00         0.00         36,           30"         Steel Pipe         19,748.60         0.00         0.00         14,           30"         Concrete Pipe         72,724.20         0.00         0.00         30,           30"         Concrete Pipe         10,270.50	535.10
48"         Concrete Pipe         4,982.90         0.00         0.00         4, 48"           Cast Iron Pipe         12,759.30         0.00         0.00         12, 43"           43"         Cast Iron Pipe         11,170.10         0.00         0.00         11, 42"           Concrete Pipe         9,361.90         0.00         0.00         9, 42"         Cast Iron Pipe         4,349.60         0.00         0.00         4, 43"           Cast Iron Pipe         4,523.30         0.00         0.00         4, 43"         Concrete Pipe         37,374.70         0.00         0.00         4, 53"           Ger Concrete Pipe         37,374.70         0.00         0.00         30"         Cast Iron Pipe         60,840.10         0.00         0.00         30"           30"         Cast Iron Pipe         35.00         0.00         0.00         36, 30"         Ductile Iron Pipe         35.00         0.00         19, 30"         Concrete Pipe         72,724.20         0.00         0.00         14, 44"         Concrete Pipe         14,83.10         0.00         0.00         10, 44"         Concrete Pipe         14,875.90         0.00         10, 44"         Concrete Pipe         14,875.90         0.00         10, 44"         Concrete Pipe	374.00
48"         Cast Iron Pipe         12,759.30         0.00         0.00         12,           43"         Cast Iron Pipe         11,170.10         0.00         0.00         11,           42"         Concrete Pipe         9,361.90         0.00         0.00         9,           42"         Cast Iron Pipe         4,349.60         0.00         0.00         4,           6"         Cast Iron Pipe         4,523.30         0.00         0.00         4,           6"         Steel Pipe         16,761.20         0.00         0.00         36,           6"         Concrete Pipe         37,374.70         0.00         0.00         37,           36"         Prestressed Concrete         675.00         0.00         0.00         36,           30"         Cast Iron Pipe         60,840.10         0.00         0.00         36,           30"         Ductile Iron Pipe         35.00         0.00         0.00         36,           30"         Steel Pipe         19,748.60         0.00         0.00         72,           30"         Concrete Pipe         72,724.20         0.00         0.00         72,           30"         P.V.C. Pipe         10,270.50	637.10
43"         Cast Iron Pipe         11,170.10         0.00         0.00         11,           42"         Concrete Pipe         9,361.90         0.00         0.00         9,           42"         Cast Iron Pipe         4,349.60         0.00         0.00         4,           64"         Cast Iron Pipe         4,523.30         0.00         0.00         4,           64"         Cast Iron Pipe         16,761.20         0.00         0.00         16,           36"         Concrete Pipe         37,374.70         0.00         0.00         37,           36"         Prestressed Concrete         66,840.10         0.00         0.00         60,           30"         Cast Iron Pipe         60,840.10         0.00         0.00         36,           30"         Ductile Iron Pipe         19,748.60         0.00         0.00         36,           30"         Concrete Pipe         72,724.20         0.00         0.00         72,           30"         Concrete Pipe         10,270.50         0.00         0.00         11,           24"         Concrete Pipe         10,270.50         0.00         0.00         30,           21"         P.V.C. Pipe         131.00<	982.90
42"         Concrete Pipe         9,361.90         0.00         0.00         9,           42"         Cast Iron Pipe         4,349.60         0.00         0.00         4,           36"         Cast Iron Pipe         4,523.30         0.00         0.00         4,           36"         Cast Iron Pipe         16,761.20         0.00         0.00         37,           36"         Prestressed Concrete         675.00         0.00         0.00         37,           36"         Prestressed Concrete         66,840.10         0.00         0.00         60,           30"         Cast Iron Pipe         60,840.10         0.00         0.00         36,           30"         Ductile Iron Pipe         35.00         0.00         0.00         36,           30"         Ductile Iron Pipe         72,724.20         0.00         0.00         71,           24"         Concrete Pipe         1,483.10         0.00         0.00         11,           24"         Concrete Pipe         4,062.50         0.00         0.00         14,           24"         Concrete Pipe         10,270.50         0.00         0.00         12,           20"         P.V.C. Pipe         131.00	759.30
42"         Concrete Pipe         9,361.90         0.00         0.00         9,           42"         Cast Iron Pipe         4,349.60         0.00         0.00         4,           36"         Cast Iron Pipe         4,523.30         0.00         0.00         4,           36"         Cast Iron Pipe         16,761.20         0.00         0.00         37,           36"         Prestressed Concrete         675.00         0.00         0.00         37,           36"         Prestressed Concrete         66,840.10         0.00         0.00         60,           30"         Cast Iron Pipe         60,840.10         0.00         0.00         36,           30"         Ductile Iron Pipe         35.00         0.00         0.00         36,           30"         Ductile Iron Pipe         72,724.20         0.00         0.00         71,           24"         Concrete Pipe         1,483.10         0.00         0.00         11,           24"         Concrete Pipe         4,062.50         0.00         0.00         14,           24"         Concrete Pipe         10,270.50         0.00         0.00         12,           20"         P.V.C. Pipe         131.00	170.10
36"         Cast Iron Pipe         4,523.30         0.00         0.00         4,           36"         Steel Pipe         16,761.20         0.00         0.00         16,           36"         Concrete Pipe         37,374.70         0.00         0.00         37,           36"         Prestressed Concrete         675.00         0.00         0.00         30,           30"         Cast Iron Pipe         60,840.10         0.00         0.00         36,           30"         Ductile Iron Pipe         35.00         0.00         0.00         36,           30"         Steel Pipe         19,748.60         0.00         0.00         72,           30"         Steel Pipe         72,724.20         0.00         0.00         72,           30"         P.V.C. Pipe         1,483.10         0.00         0.00         11,           24"         Concrete Pipe         30,480.20         0.00         0.00         30,           21"         P.V.C. Pipe         131.00         0.00         0.00         10,           20"         Concrete Pipe         12,688.00         0.00         12,         20"           20"         Concrete Pipe         13,197.10         15	361.90
36"         Steel Pipe         16,761.20         0.00         0.00         16,           36"         Concrete Pipe         37,374.70         0.00         0.00         37,           36"         Prestressed Concrete         675.00         0.00         0.00         37,           30"         Cast Iron Pipe         60,840.10         0.00         0.00         60,           30"         Ductile Iron Pipe         35.00         0.00         0.00         36,           30"         Ductile Iron Pipe         72,724.20         0.00         0.00         19,           30"         Concrete Pipe         72,724.20         0.00         0.00         72,           30"         Concrete Pipe         14,83.10         0.00         0.00         14,           24"         Concrete Pipe         4,062.50         0.00         0.00         30,           21"         P.V.C. Pipe         10,270.50         0.00         0.00         10,           20"         Cast Iron Pipe         91,999.10         0.00         0.00         12,           20"         Cast Iron Pipe         13,197.10         15.00         0.00         13,           20"         Cast Iron Pipe         13,197.10	349.60
36"         Concrete Pipe         37,374.70         0.00         0.00         37,           36"         Prestressed Concrete         675.00         0.00         0.00         37,           36"         Cast Iron Pipe         60,840.10         0.00         0.00         60,           30"         Cast Iron Pipe         36,654.40         0.00         0.00         36,           30"         Ductile Iron Pipe         35.00         0.00         0.00         36,           30"         Ductile Iron Pipe         72,724.20         0.00         0.00         72,           30"         Concrete Pipe         72,724.20         0.00         0.00         72,           30"         Concrete Pipe         4,062.50         0.00         0.00         74,           24"         Cost Iron Pipe         131.00         0.00         0.00         10,           20"         P.V.C. Pipe         131.00         0.00         0.00         12,           20"         Cast Iron Pipe         13,197.10         15.00         0.00         13,           20"         Cast Iron Pipe         13,197.10         15.00         0.00         13,           20"         Poretresesed Concrete         2	523.30
36"         Prestressed Concrete         675.00         0.00         0.00           30"         Cast Iron Pipe         60,840.10         0.00         0.00         60,           30"         Prestressed Concrete         36,654.40         0.00         0.00         36,           30"         Ductile Iron Pipe         35.00         0.00         0.00         30"           30"         Steel Pipe         19,748.60         0.00         0.00         19,           30"         Concrete Pipe         72,724.20         0.00         0.00         11,           24"         Concrete Pipe         4,062.50         0.00         0.00         4,           24"         Cast Iron Pipe         30,480.20         0.00         0.00         30,           20"         P.V.C. Pipe         110,270.50         0.00         0.00         10,           20"         Cast Iron Pipe         91,999.10         0.00         0.00         12,           20"         Cast Iron Pipe         18,755.90         0.00         0.00         18,           20"         Concrete Pipe         18,7197.10         15.00         0.00         18,           20"         Ductile Iron Pipe         131.00         <	761.20
30"         Cast Iron Pipe         60,840.10         0.00         0.00         60,           30"         Prestressed Concrete         36,654.40         0.00         0.00         36,           30"         Ductile Iron Pipe         35.00         0.00         0.00         36,           30"         Ductile Iron Pipe         19,748.60         0.00         0.00         19,           30"         Steel Pipe         19,748.60         0.00         0.00         19,           30"         Concrete Pipe         72,724.20         0.00         0.00         72,           30"         P.V.C. Pipe         1,483.10         0.00         0.00         1,           24"         Concrete Pipe         30,480.20         0.00         0.00         30,           21"         P.V.C. Pipe         131.00         0.00         0.00         10,           20"         Cast Iron Pipe         91,999.10         0.00         0.00         12,           20"         Concrete Pipe         18,755.90         0.00         13,           20"         Ductile Iron Pipe         13,197.10         15.00         0.00           20"         Steel Casing Pipe         131.00         0.00         13	374.70
30"         Prestressed Concrete         36,654.40         0.00         0.00         36, 36,00"           30"         Ductile Iron Pipe         35.00         0.00         0.00         19, 30"         30.00         0.00         19, 30"         19,748.60         0.00         0.00         19, 30"         19,727,24.20         0.00         0.00         19, 30"         19,727,24.20         0.00         0.00         19, 30"         19,727,72,20         0.00         0.00         14, 30,20         10,00         0.00         10, 30,20         11,20"         10,270,50         0.00         0.00         30, 30,20"         10,270,50         0.00         0.00         10, 30,20"         12,00         0.00         10,200         12,20"         12,02"         Cast Iron Pipe         11,31,00         0.00         0.00         13, 20"         12,688,00         0.00         13, 20"         13,197,10         15,00         0.00         13, 20"         13,197,10         15,00         0.00         13, 20"         13,197,10         15,00	675.00
30"         Ductile Iron Pipe         35.00         0.00         0.00           30"         Steel Pipe         19,748.60         0.00         0.00         19,           30"         Concrete Pipe         72,724.20         0.00         0.00         72,           30"         P.V.C. Pipe         1,483.10         0.00         0.00         72,           24"         Concrete Pipe         4,062.50         0.00         0.00         30,           24"         Cast Iron Pipe         30,480.20         0.00         0.00         30,           21"         P.V.C. Pipe         10,270.50         0.00         0.00         10,           20"         P.V.C. Pipe         131.00         0.00         0.00         12,           20"         Cast Iron Pipe         91,999.10         0.00         0.00         12,           20"         Cast Iron Pipe         13,197.10         15.00         0.00         13,           20"         Ductile Iron Pipe         131.97.10         0.00         0.00         13,           20"         Pretressed Concrete         212.50         0.00         0.00         13,           20"         Pretressed Concrete         212.50         0.00	840.10
30"         Steel Pipe         19,748.60         0.00         19,           30"         Concrete Pipe         72,724.20         0.00         0.00         72,           30"         P.V.C. Pipe         1,483.10         0.00         0.00         1,           24"         Concrete Pipe         4,062.50         0.00         0.00         4,           24"         Cast Iron Pipe         30,480.20         0.00         0.00         30,           21"         P.V.C. Pipe         10,270.50         0.00         0.00         10,           20"         Cast Iron Pipe         91,999.10         0.00         0.00         91,           20"         Asbestos Cement         12,688.00         0.00         0.00         12,           20"         Concrete Pipe         18,755.90         0.00         13,         20         Ductile Iron Pipe         13,197.10         15.00         0.00         13,           20"         Ductile Iron Pipe         131.00         0.00         0.00         13,           20"         Steel Casing Pipe         131.00         0.00         13,           20"         Steel Casing Pipe         131.00         0.00         148,           16"	654.40
30"         Concrete Pipe         72,724.20         0.00         0.00         72,           30"         P.V.C. Pipe         1,483.10         0.00         0.00         1,           24"         Concrete Pipe         4,062.50         0.00         0.00         4,           24"         Concrete Pipe         30,480.20         0.00         0.00         30,           21"         P.V.C. Pipe         10,270.50         0.00         0.00         10,           20"         Cast Iron Pipe         91,999.10         0.00         0.00         91,           20"         Cast Iron Pipe         11,2688.00         0.00         0.00         18,           20"         Concrete Pipe         18,755.90         0.00         18,           20"         Ductile Iron Pipe         13,197.10         15.00         0.00           20"         Prestressed Concrete         212.50         0.00         13,           20"         Steel Casing Pipe         131.00         0.00         13,           20"         Steel Casing Pipe         131.00         0.00         13,           20"         Steel Casing Pipe         131.00         0.00         136,           16"         Concre	35.00
30"         P.V.C. Pipe         1,483.10         0.00         0.00         1,           24"         Concrete Pipe         4,062.50         0.00         0.00         4,           24"         Cast Iron Pipe         30,480.20         0.00         0.00         30,           21"         P.V.C. Pipe         10,270.50         0.00         0.00         10,           20"         P.V.C. Pipe         131.00         0.00         0.00         91,           20"         Cast Iron Pipe         91,999.10         0.00         0.00         91,           20"         Cast Iron Pipe         13,755.90         0.00         0.00         13,           20"         Concrete Pipe         13,197.10         15.00         0.00         13,           20"         Ductile Iron Pipe         131.00         0.00         0.00         13,           20"         Steel Casing Pipe         131.00         0.00         0.00         13,           20"         Steel Casing Pipe         131.00         0.00         13,         14,           16"         Cast Iron Pipe         5,681.60         0.00         0.00         5,           16"         Ductile Iron Pipe         32,222.30	748.60
24"         Concrete Pipe         4,062.50         0.00         0.00         4,           24"         Cast Iron Pipe         30,480.20         0.00         0.00         30,           21"         P.V.C. Pipe         10,270.50         0.00         0.00         30,           20"         P.V.C. Pipe         131.00         0.00         0.00         10,           20"         Cast Iron Pipe         91,999.10         0.00         0.00         91,           20"         Cast Iron Pipe         13,755.90         0.00         0.00         13,           20"         Ductile Iron Pipe         13,197.10         15.00         0.00         13,           20"         Prestressed Concrete         212.50         0.00         0.00         16"           20"         Steel Casing Pipe         131.00         0.00         100         16"           20"         Steel Casing Pipe         131.00         0.00         100         16"           20"         Steel Casing Pipe         131.00         0.00         0.00         16"           20"         Steel Casing Pipe         136.60         0.00         32,         16"         Ductile Iron Pipe         32,222.30         0.00 <t< td=""><td>724.20</td></t<>	724.20
24"         Cast Iron Pipe         30,480.20         0.00         0.00         30,           21"         P.V.C. Pipe         10,270.50         0.00         0.00         10,           20"         P.V.C. Pipe         131.00         0.00         0.00         91,           20"         Cast Iron Pipe         91,999.10         0.00         0.00         91,           20"         Cast Iron Pipe         91,999.10         0.00         0.00         91,           20"         Cast Iron Pipe         112,688.00         0.00         0.00         12,           20"         Concrete Pipe         18,755.90         0.00         0.00         13,           20"         Ductile Iron Pipe         13,197.10         15.00         0.00         13,           20"         Steel Casing Pipe         131.00         0.00         0.00         13,           20"         Steel Casing Pipe         118,234.10         0.00         136.00         148,           16"         Concrete Pipe         5,681.60         0.00         0.00         5,           16"         Ductile Iron Pipe         32,222.30         0.00         0.00         32,           16"         P.V.C. Pipe         6,4	483.10
21"         P.V.C. Pipe         10,270.50         0.00         0.00         10,           20"         P.V.C. Pipe         131.00         0.00         0.00         10,           20"         Cast Iron Pipe         91,999.10         0.00         0.00         91,           20"         Cast Iron Pipe         91,999.10         0.00         0.00         91,           20"         Asbestos Cement         12,688.00         0.00         0.00         12,           20"         Concrete Pipe         18,755.90         0.00         0.00         13,           20"         Ductile Iron Pipe         13,197.10         15.00         0.00         13,           20"         Prestressed Concrete         212.50         0.00         0.00         13,           20"         Steel Casing Pipe         131.00         0.00         136,00         148,           16"         Cast Iron Pipe         18,234.10         0.00         136,00         148,           16"         Concrete Pipe         5,681.60         0.00         0.00         5,           16"         Ductile Iron Pipe         32,222.30         0.00         0.00         32,           16"         P.V.C. Pipe         6	062.50
20"         P.V.C. Pipe         131.00         0.00         0.00           20"         Cast Iron Pipe         91,999.10         0.00         0.00         91,           20"         Asbestos Cement         12,688.00         0.00         0.00         12,           20"         Concrete Pipe         18,755.90         0.00         0.00         13,           20"         Ductile Iron Pipe         13,197.10         15.00         0.00         13,           20"         Prestressed Concrete         212.50         0.00         0.00         13,           20"         Steel Casing Pipe         131.00         0.00         0.00         16"           20"         Steel Casing Pipe         131.00         0.00         136.00         118,           16"         Concrete Pipe         5,681.60         0.00         0.00         5,           16"         Ductile Iron Pipe         32,222.30         0.00         0.00         32,           16"         P.V.C. Pipe         6,475.50         136.00         0.00         6,	480.20
20"         Cast Iron Pipe         91,999.10         0.00         0.00         91,           20"         Asbestos Cement         12,688.00         0.00         0.00         12,           20"         Concrete Pipe         18,755.90         0.00         0.00         18,           20"         Ductile Iron Pipe         13,197.10         15.00         0.00         13,           20"         Prestressed Concrete         212.50         0.00         0.00         200           20"         Steel Casing Pipe         131.00         0.00         0.00         16"           20"         Cast Iron Pipe         18,234.10         0.00         136.00         118,           16"         Concrete Pipe         5,681.60         0.00         0.00         5,           16"         Ductile Iron Pipe         32,222.30         0.00         0.00         32,           16"         P.V.C. Pipe         6,475.50         136.00         0.00         6,	270.50
20"         Asbestos Cement         12,688.00         0.00         0.00         12,           20"         Concrete Pipe         18,755.90         0.00         0.00         18,           20"         Ductile Iron Pipe         13,197.10         15.00         0.00         13,           20"         Prestressed Concrete         212.50         0.00         0.00         20           20"         Steel Casing Pipe         131.00         0.00         0.00         16"           20"         Cast Iron Pipe         118,234.10         0.00         136.00         118,           16"         Concrete Pipe         5,681.60         0.00         0.00         32,           16"         Ductile Iron Pipe         32,222.30         0.00         0.00         32,           16"         P.V.C. Pipe         6,475.50         136.00         0.00         6,	131.00
20"         Concrete Pipe         18,755.90         0.00         0.00         18,           20"         Ductile Iron Pipe         13,197.10         15.00         0.00         13,           20"         Prestressed Concrete         212.50         0.00         0.00         13,           20"         Steel Casing Pipe         131.00         0.00         0.00         16"         Cast Iron Pipe         118,234.10         0.00         136.00         118,           16"         Concrete Pipe         5,681.60         0.00         0.00         5,           16"         Ductile Iron Pipe         32,222.30         0.00         0.00         32,           16"         P.V.C. Pipe         6,475.50         136.00         0.00         6,	999.10
20"         Ductile Iron Pipe         13,197.10         15.00         0.00         13,20"           20"         Prestressed Concrete         212.50         0.00         0.00         20"         Steel Casing Pipe         131.00         0.00         0.00         18           20"         Steel Casing Pipe         131.00         0.00         0.00         18         18         16"         Concrete Pipe         5,681.60         0.00         0.00         5,681.60         0.00         0.00         5,681.60         0.00         0.00         32,21.60         136.00         0.00         32,21.60         32,222.30         0.00         0.00         6,6475.50         136.00         0.00         6,6475.50         6,475.50         136.00         0.00         6,6475.50         6,475.50         136.00         0.00         6,6475.50         6,475.50         136.00         0.00         6,6475.50         6,475.50         136.00         0.00         6,6475.50         136.00         0.00         6,6475.50         136.00         0.00         6,6475.50         136.00         0.00         6,6475.50         136.00         0.00         6,6475.50         136.00         0.00         6,6475.50         136.00         0.00         6,6475.50         136.00         0.00	688.00
20"         Prestressed Concrete         212.50         0.00         0.00           20"         Steel Casing Pipe         131.00         0.00         0.00           16"         Cast Iron Pipe         118,234.10         0.00         136.00         118,           16"         Concrete Pipe         5,681.60         0.00         0.00         5,           16"         Ductile Iron Pipe         32,222.30         0.00         0.00         32,           16"         P.V.C. Pipe         6,475.50         136.00         0.00         6,	755.90
20"         Steel Casing Pipe         131.00         0.00         0.00           16"         Cast Iron Pipe         118,234.10         0.00         136.00         118,           16"         Concrete Pipe         5,681.60         0.00         0.00         5,           16"         Ductile Iron Pipe         32,222.30         0.00         0.00         32,           16"         P.V.C. Pipe         6,475.50         136.00         0.00         6,	212.10
16"         Cast Iron Pipe         118,234.10         0.00         136.00         118,           16"         Concrete Pipe         5,681.60         0.00         0.00         5,           16"         Ductile Iron Pipe         32,222.30         0.00         0.00         32,           16"         P.V.C. Pipe         6,475.50         136.00         0.00         6,	212.50
16"         Concrete Pipe         5,681.60         0.00         5,           16"         Ductile Iron Pipe         32,222.30         0.00         0.00         32,           16"         P.V.C. Pipe         6,475.50         136.00         0.00         6,	131.00
16"         Ductile Iron Pipe         32,222.30         0.00         0.00         32,           16"         P.V.C. Pipe         6,475.50         136.00         0.00         6,	098.10
16" P.V.C. Pipe 6,475.50 136.00 0.00 6,	681.60
	222.30
	611.50
	344.20
	069.30
	125.00
	272.90 411.60
	284.00
	576.90
	356.70
	670.00
	763.60
	830.90
	449.30
	543.90
8" Asbestos Cement 723,086.40 0.00 0.00 723,	086.40
	498.40
8" P.V.C. Pipe 278,641.00 89,420.50 0.00 368,	061.50
	467.10
6" Cast Iron Pipe 2,853,458.40 0.00 46,417.70 2,807,	040.70
	255.00
	385.50
6" Ductile Iron Pipe 13,320.30 975.50 0.00 14,	295.80
4" Ductile Iron Pipe 752.20 193.00 0.00	945.20
4" Cast Iron Pipe 1,150,277.00 0.00 5,726.00 1,144,	
4" P.V.C. Pipe 6,677.10 0.00 0.00 6,	455.30
Linear Feet Total 9,253,727.30 205,004.10 60,768.20 9,397,	
Total Miles 1,752.60 38.83 11.51 1,	455.30

			VALVES	3	
	Size	Existing	Installed	Removed	Remaining
ľ	48"	16	0	0	16
ſ	42"	4	0	0	4
	36"	18	0	0	18
	30"	65	0	0	65
	24"	39	0	0	39
	20"	133	0	0	133
	16"	190		0	190
	14"	3	0	0	3
	12"	2,212	46	8	2,250
	10"	63	0	0	63
	8"	5,871	193	0	6,064
	6"	13,196	15	88	13,123
	4"	7,172	0	0	7,172
	Total	28,982	254	96	29,140

		FIRE HYD		
	Existing	Installed	Removed	Remaining
TOTALS	22,476	229	37	22,668

### Annual Report 2004 SEWER TABULATION NO. 1 Sewer Lines Laid During 2004 QUANTITIES OF PIPE MEASURED IN FEET

ITEMS	BY CONTRACT	BY OTHERS	TOTAL FEET	TOTAL MILES	
6" P.V.C.	29,781.30	13,219.40	43,000.70	8.14	
8" P.V.C.	60,333.06	28,112.60	88,446.20	16.75	
8" D.I.	59.30	0.00	59.30	0.01	
10" P.V.C.	2,223.80	745.00	2,968.80	0.56	
12" P.V.C.	607.00	1,106.00	1,713.00	0.32	
15" P.V.C.	934.50	0.00	934.50	0.35	
18" P.V.C.	1,651.00	0.00	1,651.00	0.31	
21" P.V.C.	0.00	572.00	572.00	0.10	
4" P.V.C./S.F.M.	0.00	4,935.70	4,935.70	0.93	
TOTALS	95,590.50	48,690.70	144,281.20	27.33	
M.H.'S	23	325	348 Total Manholes Construc		
	20	020	in 2004		

#### Sewer Lines Laid in 2004

ORIGINAL CONSTRUCTION (IN FEET)	Running Total Removed as of 2004	Running Total Replaced as of 2004	Total Existing in Feet	Total Existing in Miles
8,287,302.10	3,802,889.50	4,484,412.60	8,968,825.20	1,698.64
Original Miles	Original Miles	Original Miles		

Original Miles Original Miles Original Miles 1569.56 720.24 849.32

#### Sewer Manholes Laid in 2004

BUILT IN 2004	REMOVED IN 2004	Total Modifications in 2004
348	101	247

#### ANNUAL REPORT 2004

#### **SEWER TABULATION NO. 2**

#### SEWER MANHOLES BUILT BY EACH CONTRACT FOR 2004

#### THE QUANTITIES DESTROYED OR ABANDONED AND THE EXTENT OF THE SEWERAGE AT THE END OF 2004

		SEWER PIPE	í		ALL SEWERS	í		MANHOLES	
	ORIGINAL BUILT	REMOVED & REPLACED	REMAIN	ORIGINAL BUILT	ABANDONED	REMAINING	ORIGINAL BUILT	ABANDONED	REMAINING
Bought from N.O. Sewer Co.	21,307.50	14,498.30	6,809.20	24,908.20	18,099.00	6,809.20	73.00	15.00	58.00
Built Under Ordinary Contracts	3,612,594.20	42,489.90	3,570,104.30	3,654,233.20	135,197.30	3,551,654.20	9,875.00	264.00	9,611.00
Built by S&WB Forces	7,353,426.20	315,188.40	7,038,237.80	1,357,727.70	63,968.40	3,519,040.90	3,998.00	142.00	3,856.00
Built by Dock Board	5,839.70	0.00	5,839.70	6,874.30	0.00	1,293,758.90	19.00	0.00	19.00
Built Under CWA & ERA Contracts	25,662.60	0.00	25,662.60	25,662.60	360.00	25,302.60	76.00	3.00	73.00
Built Under WPA Contracts	138,903.60	28,288.70	110,614.90	112,735.20	26,168.40	112,735.20	504.00	3.00	501.00
Built Under PWA Contracts	177,599.30	18,042.30	159,577.00	163,503.90	14,095.40	163,503.90	474.00	5.00	469.00
Built Under FWA Contracts	9,120.80	0.00	9,120.80	9,120.80	0.00	9,120.80	32.00	0.00	32.00
Built by Orleans Levee Board	126,348.70	0.00	118,845.70	126,348.70	7,503.00	118,845.70	675.00	6.00	669.00
Built by FPHA	4,253.10	4,253.10	0.00	4,253.10	4,253.10	0.00	17.00	17.00	0.00
Built Under L.M.P. Contracts	733,963.50	16,352.40	717,611.10	743,801.80	22,809.40	720,992.40	2,192.00	60.00	2,132.00
Built by Others	1,958,576.30	19,869.00	1,938,707.30	1,937,292.30	40,206.40	1,897,085.90	5,508.00	194.00	5,427.00
	8,167,595.50	458,981.80	6,805,057.36	8,166,467.30	332,660.40	1,875,069.80	23,443.00	709.00	22,847.00
TOTAL MILES	1,546.89	86.93	1,288.84	1,546.88	63.00	1,491.49			

SIZE & MATERIAL OF SEWER	TOTAL LENGTH BUILT INCLUDING SUBSTITUTES	DESTROYED OR ABANDONED	ADDED	NOW REMAINING IN THE SYSTEMS	SIZE & MATERIAL OF SEWER	TOTAL LENGTH BUILT INCLUDING SUBSTITUTES	DESTROYED OR ABANDONED	ADDED	NOW REMAINING IN THE SYSTEMS
					26" P.C.V.	2,277.00			2,277.00
72" Steel	29,182.40			29,182.40	24" Vitrified Clay	31,911.40	139.80	0.00	,
68" Steel	9,061.90			9,061.90	24" Cast Iron	17,638.10			17,638.10
66" Concrete	13,740.70			13,740.70	24" Asbestos Cement	4,942.20			4,942.20
66" Steel	28,979.70			28,979.70	24" Reinforced Concrete	28,377.00			28,377.00
60" Steel	2,577.70			2,577.70	24" P.V.C.	162.00		140.00	302.00
60" Concrete	748.90			748.90	24" Steel	110.00			110.00
57" Concrete	1,766.80			1,766.80	21" P.V.C.	702.60		572.00	1,274.60
54" Concrete	7.030.40			7.030.40	21" Reinforced Concrete	14,615.50			14,615.50
54" Steel	44,014.50			44,014.50	20" Ductile Iron Pipe	143.80			143.80
51" Concrete	928.30			928.30	18" P.V.C.	6,771.50		1,651.00	8.422.50
50" Steel	135.00			135.00	16" Steel	120.00			120.00
48" Concrete	13,791.00			13,791.00	16" Asbestos Cement	28,894.90			28,894.90
48" FRP	10,900.20			10,900.20	16" Plastic	1,913.10			1.913.70
48" Steel	21,147.20			21.147.20	15" P.V.C.	7.465.00		934.50	8.399.50
45" Concrete	3,048.40			3,048.40	15" Plastic Truss	1,766.80		001100	1,766.80
42" Concrete	20,170.10			20.170.10	15" Vitrified Clav	116.391.00			115.164.50
42" Steel	3,580.20			3,580.20	10" Vitrified Clay	194,748.80	/		186,838.40
39" Brick	884.80			884.80	10" Concrete	54,095.80			54.095.80
39" Concrete	3,871.80			3,871.80	10" Steel	130.00			130.00
36" Vitrified Clav	2,433,70			2.433.70	10" Asbestos Cement	27.660.40			27.660.40
36" Pretressed Concrete	11,617.20			11,617.20	10" P.V.C.	103,618.50		2,968.00	106,586.50
36" Reinforced Concrete	9.392.70			9.392.70	10" Plastic Truss	6.072.50		2,000.00	6.102.50
36" Steel	150.00			150.00	8" Plastic	706,265.50			706,265.50
36" Cast Iron	10,674.00			10,674.00	8" Concrete	363,969.60	1,887.40		362,082.20
36" P.V.C.	10,604.00			10,604.00	8" Terra Cotta	375,838.30			375,426.30
33" Brick	3,150.40			3,150.40	8" Cast Iron	32,887.40			32.845.40
33" Reinforced Concrete	1,450.90			1,450.90	8" Vitrified Clay	4,475,843.40			442,319.80
30" Vitrified Clay	1,672.20			1,430.30	8" Asbestos Cement	3,895.90			3,895.90
30" Brick	3,006.60			3,006.60	8" Plastic Truss	75,134.10			78,885.90
30" Prestressed Concrete	484.00			484.00	8" P.V.C.	122,808.20		88.446.20	211.313.50
30" Reinforced Concrete	34,449.70			34,449.70	6" Concrete	2,224.60		00,440.20	1,684.60
30" Vitrified Clav	11.732.20			11.732.20	6" Asbestos Cement	4.493.90			4.493.90
30" Cast Iron	4,305.90			4,305.90	6" Cast Iron	4,493.90			4,493.90
30" Steel	3,255.20			4,305.90	6" Vitrified Clay	4,204.40			4,204.40
30" ERP	16.400.00			16,400.00	6" Plastic	371,272.70			371.272.70
29" P.V.C.	887.00			887.00	6" Plastic Truss	7.099.60			7.099.60
29 P.V.C. 28" P.V.C.	541.00			541.00	6" Terra Cotta	10,024.20			10.024.20
28 P.V.C. 27" Vitrified Clav	29.134.80		0.00		6" P.V.C.	64.507.50		43.000.00	107.507.50
27 Vitrilied Clay 27" Terra Cotta	29,134.80	,	0.00		6 P.V.C. 4" Cast Iron	64,507.50 874.20		43,000.00	874.20
27 Terra Cotta 27" P.V.C.						180.40			180.40
27" P.V.C. 27" Reinforced Concrete	11.00 13.738.40		1,736.00	1,747.00	4" Ductile Iron 4" Plastic	180.40			180.40
	13,738.40			13,738.40	4" Plastic 4" P.V.C.	1,389.00		3,546.70	4,935.70
	004.001.00	0 700 70	4 700 00	070.077.40				,	,
Subtotal Linear Feet	384,661.90		1,736.00	,	Total Linear Feet	384,661.90	/	1,736.00	
Total Miles	72.85	0.51	0.33	3 71.60	Total Linear Feet Total Miles	7,789,959.60	81,813.70	142,994.40	3,376,206.40

#### ANNUAL REPORT 2004 SEWER TABULATION NO. 3 LENGTH OF SEWER OF EACH SIZE AND MATERIAL BUILT, DISCARDED AND NOW REMAINING IN THE SYSTEM

								TAE	BLE OF					STABLISHI R "YEAR 1			GES IN 18	94								
		JANUARY	FEBRI	JARY	MA	RCH	AP	RIL	Μ	IAY	JUL	NE	J	ULY	AUG	GUST	SEPTE	MBER	OCT	OBER	NOVE	MBER	DECE	EMBER	_ <b>≻</b> Ш	۴.
YEAR No.	YEAR	AMOUNT	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	ANNUAL MONTHLY AVERAGE	EXCESS OR DEFICIT
1	1894	2.11	13.27	15.38	4.48	19.86	4.27	24.13	2.36	26.49	4.10	30.59	8.15		7.46	46.20	1.37	47.57	0.76	48.33	1.19	49.52	1.94	51.46		
2	1895 total	7.65	3.76	11.41 26.79	3.63 8.11	15.04 34.90	2.48 6.75	17.52 41.65	10.38	27.90 54.39		38.38 68.97	6.97 15.12		7.32	52.67 98.87	2.16 3.53	54.83 102.40	1.32	56.15 104.48	0.88	57.03 106.55	4.80 6.74	61.83 113.29		5.19
	avg.	4.88	8.52	13.40	4.06	17.45	3.38	20.83	6.37	27.20	7.29	34.49	7.56	42.05	7.39	49.44	1.77	51.20	1.04	52.24	1.04	53.28	3.37	56.65		
3	1896 total	2.52 12.28	3.07 20.10	5.59 32.38	5.27 13.38	10.86 45.76	3.25 10.00	14.11 55.76	3.11 15.85	17.22 71.61		26.83 95.80	3.56 18.68		4.05 18.83	34.44 133.31	5.80 9.33	40.24 142.64	6.69 8.77	46.93 151.41	3.73 5.80	50.66 157.21	3.59 10.33	54.25 167.54		-1.60
Ŭ	avg.	4.09	6.70	10.79	4.46	15.25	3.33	18.59	5.28	23.87	8.06	31.93	6.23	38.16	6.28	44.44	3.11	47.55	2.92	50.47	1.93	52.40	3.44	55.85		
4	1897 total	2.02	5.10 25.20	7.12 39.50	5.38 18.76	12.50 58.26	5.57 15.57	18.07 73.83	0.58	18.65 90.26		24.86 120.66	4.90 23.58		3.56 22.39	33.32 166.63	3.85 13.18	37.17 179.81	3.76 12.53	40.93	3.22 9.02	44.15 201.36	5.09 15.42	49.24 216.78		-4.96
-	avg.	3.58	6.30	9.88	4.69	14.57	3.89	18.46	4.11	22.57	7.60	30.17	5.90	36.06	5.60	41.66	3.30	44.95	3.13	48.09	2.26	50.34	3.86	54.20		
5	1898 total	2.00	7.30	9.30 48.80	1.23 19.99	10.53 68.79	3.20 18.77	13.73 87.56	0.10	13.83		17.39 138.05	5.70 29.28		5.48 27.87	28.57 195.20	16.01 29.19	44.58 224.39	1.50 14.03	46.08 238.42	6.32 15.34	52.40 253.76	3.06 18.48	55.46 272.24		1.01
3	avg.	3.26	6.50	9.76	4.00	13.76	3.75	17.51	3.31	20.82		27.61	5.86		5.57	39.04	5.84	44.88	2.81	47.68	3.07	50.75	3.70	54.45		
6	1899 total	2.61 18.91	3.43 35.93	6.04 54.84	2.89 22.88	8.93 77.72	1.68 20.45	10.61 98.17	0.15	10.76		20.38 158.43	5.70 34.98		3.01 30.88	29.09 224.29	0.39 29.58	29.48 253.87	1.69 15.72	31.17 269.59	2.02	33.19 286.95	3.43 21.91	36.62 308.86		-14.86
0	avg.	3.15	5.99	9.14	3.81	12.95	3.41	16.36	2.78	114.65	7.26	26.41	5.83		5.15	37.38	4.93	42.31	2.62	44.93	2.89	47.83	3.65	51.48		-
7	1900	3.88	5.99	9.87	4.50	14.37	12.29	26.66	3.38	30.04	6.78	36.82	8.42		4.98	50.22	3.63	53.85	2.53	56.38	1.28	57.66	6.44	64.10	5.34	10.82
	total avg.	22.79 3.26	41.92 5.99	64.71 9.24	27.38 3.91	92.09 13.16	32.74 4.68	124.83 17.83	20.06	144.89 20.70	50.36 7.19	195.25 27.89	43.40	238.65 34.09	35.86 5.12	274.51 39.22	33.21 4.74	307.72 43.96	18.25 2.61	325.97 46.57	18.64 2.66	344.61 49.23	28.35 4.05	372.96 53.28		
	1901	3.33	5.72	9.05	3.81	12.86	7.75	20.61	1.79	22.40		25.96	9.42		4.99	40.37	3.24	43.61	3.25	46.86	2.53	49.39	4.54	53.93		0.57
8	total avg.	26.12 3.27	47.64 5.96	73.76 9.22	31.19 3.90	104.95 13.12	40.49 5.06	145.44 18.18	21.85	167.29 20.91	53.92 6.74	221.21 27.65	52.82 6.60		40.85 5.11	314.88 39.36	36.45 4.56	351.33 43.92	21.50 2.69	372.83 46.60	21.17 2.65	394.00 49.25	32.89 4.11	426.89		
	1902	0.75	3.52	4.27	3.89	8.16	3.41	11.57	2.04	13.61	1.21	14.82	2.51	17.33	3.21	20.54	5.93	26.47	2.38	28.85	3.25	32.10	5.83	37.93	3.16	-13.72
9	total avg.	26.87 2.99	51.16 5.68	78.03 8.67	35.08 3.90	113.11 12.57	43.90 4.88	157.01 17.45	23.89 2.65	180.90 20.10		236.03 26.23	55.33 6.15		44.06 4.90	335.42 37.27	42.38 4.71	377.80 41.98	23.88 2.65	401.68 44.63	24.42 2.71	426.10 47.34	38.72 4.30	464.82 51.65		
	1903	3.94	9.81	13.75	11.77	25.52	0.66	26.18	1.37	27.55	3.94	31.49	6.57	38.06	5.79	43.85	2.47	46.32	0.60	46.92	0.21	47.13	3.58	50.71	4.23	-0.84
10	total avg.	30.81 3.08	60.97 6.10	91.78 9.18	46.85 4.69	138.63 13.86	44.56 4.46	183.19 18.32	25.26 2.53	208.45	59.07 5.91	267.52 26.75	61.90 6.19		49.85 4.99	379.27 37.93	44.85 4.49	424.12 42.41	24.48 2.45	448.60	24.63 2.46	473.23	42.30 4.23	515.53	Ten Years	
	1904	3.15	1.59	4.74	4.04	8.78	1.77	10.55	3.83	14.38	3.87	18.25	6.60	24.85	5.57	30.42	3.40	33.82	1.14	34.96	1.60	36.56	2.48	39.04		-11.38
11	total	33.96 3.09	62.56 5.69	96.52 8.77	50.89 4.63	147.41 13.40	46.33 4.21	193.74 17.61	29.09 2.64	222.83		285.77 25.98	68.50 6.23		55.42 5.04	409.69 37.24	48.25 4.39	457.94 41.63	25.62 2.33	483.56 43.96	26.23 2.38	509.79 46.34	44.78 4.07	554.57 50.42		
	avg. 1905	6.38	4.97	11.35	7.13	18.48	5.57	24.05	4.21	28.26		34.05	4.28		3.49	41.82	9.28	51.10		57.33	4.02	61.35	13.18	74.53	6.21	22.11
12	total	40.34	67.53 5.63	107.87 8.99	58.02 4.84	165.89 13.82	51.90 4.33	217.79 18.15	33.30	251.09 20.92		319.82 26.65	72.78		58.91 4.91	451.51 37.63	57.53 4.79	509.04 42.42	31.85 2.65	540.89 45.07	30.25 2.52	571.14 47.60	57.96 4.83	629.10 52.43		
	avg. 1906	2.05	2.03	4.08	5.95	10.03	4.33	11.34	0.76	12.10		16.12	6.28		5.09	27.49	8.32	35.81	1.25	37.06	0.91	37.97	3.02	40.99		-10.56
13	total	42.39	69.56	111.95	63.97 4.92	175.92	53.21	229.13	34.06	263.19	72.75 5.60	335.94	79.06		64.00	479.00	65.85	544.85 41.91	33.10 2.55	577.95 44.46	31.16	609.11	60.98	670.09		
	avg. 1907	3.26 2.22	5.35 4.61	8.61 6.83	4.92	13.53 8.41	4.09 12.64	17.63 21.05	2.62	20.25 35.03		25.84 36.45	6.08 2.84	31.92 39.29	4.92 4.78	36.85 44.07	5.07 6.21	50.28	2.55	44.46	2.40 4.90	46.85 56.51	4.69 7.65	51.55 64.16	5.35	11.71
14	total	44.61	74.17	118.78	65.55	184.33	65.85	250.18	48.04	298.22		372.39	81.90		68.78	523.07	72.06	595.13		629.56	36.06	665.62	68.63 4.90	734.25 52.45		
	avg. 1908	3.19 4.28	5.30 4.14	8.48 8.42	4.68 3.38	13.17 11.80	4.70	17.87 13.21	3.43 5.06	21.30	5.30 3.08	26.60 21.35	5.85 10.93		4.91 4.60	37.36 36.88	5.15 11.26	42.51 48.14	2.46 0.75	44.97 48.89	2.58 0.44	47.54 49.33	4.90	52.45		-1.24
15	total	48.89	78.31	127.20	68.93	196.13	67.26	263.39	53.10	316.49		393.74	92.83		73.38	559.95	83.32	643.27	35.18	678.45	36.50	714.95	70.42	785.37	•	
	avg. 1909	3.26 3.33	5.22 5.49	8.48 8.82	4.60 4.45	13.08 13.27	4.48 7.46	17.56 20.73	3.54 4.42	21.10 25.15		26.25 34.53	6.19 4.92		4.89 7.57	37.33 47.02	5.55 6.53	42.88 53.55	2.35 3.90	45.23 57.45	2.43 1.28	47.66 58.73	4.69 7.28	52.36 66.01		12.80
16	total	52.22	83.80	136.02	73.38	209.40	74.72	284.12	57.52	341.64	86.63	428.27	97.75	526.02	80.95	606.97	89.85	696.82	39.08	735.90	37.78	773.68	77.70	851.38		
	avg. 1910	3.26	5.24 4.14	8.50 6.67	4.59 2.93	13.09 9.60	4.67 1.03	17.76 10.63	3.60	21.35	5.41 7.51	26.77 23.08	6.11 6.86	32.88 29.94	5.06 5.05	37.94 34.99	5.62 5.10	43.55 40.09	2.44 2.34	45.99	2.36	48.36 45.67	4.86 3.38	53.21 49.05	4.09	-3.92
17	total	54.75	87.94	142.69	76.31	219.00	75.75	294.75	62.46	357.21	94.14	451.35	104.61	555.96	86.00	641.96	94.95	736.91	41.42	778.33	41.02	819.35	81.08	900.43		
<u> </u>	avg. 1911	3.22	5.17 1.29	8.39 3.34	4.49 5.14	12.88 8.48	4.46 12.34	17.34 20.82	3.67	21.01 23.60	5.54 6.46	26.55 30.06	6.15 5.73		5.06 8.50	37.76 44.29	5.59 4.30	43.35 48.59	2.44	45.78 50.86	2.41 4.01	48.20 54.87	4.77 7.86	52.97 62.73		9.22
18	total	56.80	89.23	146.03	81.45	227.48	88.09	315.57	65.24	380.81	100.60	481.41	110.34	591.75	94.50	686.25	99.25	785.50	43.69	829.19	45.03	874.22	88.94	963.16		5.22
<b>—</b>	avg. 1912	3.16 4.68	4.96 3.61	8.11 8.29	4.53 9.37	12.64 17.66	4.89 8.46	17.53 26.12	3.62 12.98	21.16 39.10		26.75 42.37	6.13 7.81	32.88 50.18	5.25 5.80	38.13 55.98	5.51 3.89	43.64 59.87	2.43 1.89	46.07 61.76	2.50 2.50	48.57 64.26	4.94 10.42	53.51 74.68		20.06
19	total	61.48	92.84	154.32	90.82	245.14	96.55	341.69	78.22	419.91	103.87	523.78	118.15	641.93	100.30	742.23	103.14	845.37	45.58	890.95	47.53	938.48	99.36	1,037.84		20.00
	avg.	3.24	4.89	8.12	4.78 4.48	12.90	5.08	17.98	4.12	22.10		27.57	6.22		5.28	39.06	5.43	44.49	2.40	46.89	2.50	49.39	5.23	54.62	4.05	4.5.4
20	1913 total	5.41 66.89	1.98 94.82	7.39 161.71	4.48 95.30	11.87 257.01	5.30 101.85	17.17 358.86	6.56 84.78	23.73 443.64	3.04 106.91	26.77 550.55	6.52 124.67	33.29 675.22	5.55 105.85	38.84 781.07	12.10 115.24	50.94 896.31	4.22 49.80	55.16 946.11	2.62 50.15	57.78 996.26	1.62 100.98	59.40 1,097.24	4.95	4.54
	avg.	3.34	4.74	8.09	4.77	12.85	5.09	17.94	4.24	22.18	5.35	27.53	6.23	33.76	5.29	39.05	5.76	44.82	2.49	47.31	2.51	49.81	5.05	54.86	Twenty Ye	ears

								T.	ABLE OF F			ORLEANS					GES IN 1	1894								
		JANUARY	FEBR	RUARY	MAF		APF	RIL	MA	٩Υ	Jl	JNE	JL	ILY	AUC	GUST	SEPT	TEMBER	OCT	OBER	NOVE	EMBER	DECE	EMBER	그 ≻ 盟	۴L
YEAR No.	YEAR	AMOUNT	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	ANNUAL MONTHLY AVERAGE	EXCESS OR DEFICIT								
21	1914 total	1.06 67.95	6.00 100.82	7.06 168.77	3.93 99.23	10.99 268.00	4.93 106.78	15.92 374.78	0.59 85.37	16.51 460.15	3.76 110.67	20.27 570.82	6.68 131.35	26.95 702.17	9.21 115.06	36.16 817.23	4.87 120.11	41.03 937.34	1.26 51.06	42.29 988.40	4.15 54.30	46.44 1,042.70	3.92 104.90	50.36 1,147.60	4.20	-4.29
21	avg.	3.24	4.80	8.04	4.73	12.76	5.08	17.85	4.07	21.91	5.27	27.18	6.25	33.44	5.48	38.92	5.72	44.64	2.43	47.07	2.59	49.65	5.00	54.65		
22	1915 total	7.42	4.16 104.98	11.58 180.35	2.11 101.34	13.69 281.69	0.06 106.84	13.75 388.53	3.54 88.91	17.29 477.44	5.27 115.94	22.56 593.38	6.49 137.84	29.05 731.22	7.91 122.97	36.96 854.19	9.94 130.05		12.14 63.20	59.04 1,047.44	1.94 56.24	60.98 1,103.68	4.68 109.58	65.66 1,213.26	5.47	10.51
	avg.	3.43	4.77	8.20	4.61	12.80	4.86	17.66	4.04	21.70	5.27	26.97	6.27	33.24	5.59	38.83	5.91	44.74	2.87 6.92	47.61	2.56	50.17	4.98	55.15	4.04	
23	1916 total	4.23 79.60	2.01 106.99	6.24 186.59	0.67 102.01	6.91 288.60	2.66 109.50	9.57 398.10	7.89 96.80	17.46 494.90	6.93 122.87	24.39 617.77	5.30 143.14	29.69 760.91	4.93 127.90	34.62 888.81	3.57 133.62		70.12	45.11 1,092.55	0.69 56.93	45.80 1,149.48	5.94 115.52	51.74 1,265.00	4.31	-3.26
	avg. 1917	3.46 3.67	4.65 2.87	8.11 6.54	4.44 2.94	12.55 9.48	4.76 3.66	17.31 13.14	4.21 1.30	21.52 14.44	5.34 1.69	26.86 16.13	6.22 5.84	33.08 21.97	5.56 5.34	38.64	5.81 3.28	44.45 30.59	3.05 0.68	47.50 31.27	2.48 0.26	49.98 31.53	5.02 1.98	55.00 33.51	2.79	-20.59
24	total	83.27	109.86	193.13	104.95	298.08	113.16	411.24	98.10	509.34	124.56	633.90	148.98	782.88	133.24	916.12	136.90	1,053.02	70.80	1,123.82	57.19	1,181.01	117.50	1,298.51	2.13	-20.33
	avg. 1918	3.47	4.58	8.05 5.79	4.37 1.62	12.42	4.72 10.28	17.14	4.09 2.08	21.22 19.77	5.19 2.49	26.41 22.26	6.21 2.34	32.62 24.60	5.55 5.63	38.17 30.23	5.70 4.21	43.88 34.44	2.95 10.69	46.83 45.13	2.38 3.99	49.21 49.12	4.90 7.86	54.10 56.98	4.75	2.76
25	total	87.41	111.51	198.92	106.57	305.49	123.44	428.93	100.18	529.11	127.05	656.16	151.32	807.48	138.87	946.35	141.11	1,087.46	81.49	1,168.95	61.18	1,230.13	125.36	1,355.49		
	avg. 1919	3.50 6.78	4.46 6.11	7.96 12.89	4.26 3.24	12.22 16.13	4.94 7.25	17.16 23.38	4.01 7.87	21.16 31.25	5.08 5.27	26.25 36.52	6.05 6.96	32.30 43.48	5.55 5.40	37.85 48.88	5.64 3.21	43.50 52.09	3.26 5.78	46.76 57.87	2.45 7.68	49.21 65.55	5.01 0.90	54.22 66.45	5.54	11.76
26	total avg.	94.19 3.62	117.62 4.52	211.81 8.15	109.81 4.22	321.62 12.37	130.69 5.03	452.31		560.36 21.55	132.32 5.09	692.68 26.64	158.28 6.09	850.96 32.73	144.27 5.55	995.23 38.28	144.32 5.55		87.27 3.36	1,226.82 47.19	68.86 2.65	1,295.68 49.83	126.26 4.86	1,421.94 54.69		
	1920	5.34	3.73	9.07	2.85	11.92	6.31	18.23	5.24	23.47	7.51	30.98	5.47	36.45	4.00	40.45	7.37	47.82	3.01	50.83	2.93	53.76	8.42	62.18	5.18	7.21
27	total avg.	99.53 3.69		220.88 8.18	112.66 4.17	333.54 12.35	137.00 5.07	470.54		583.83 21.62	139.83 5.18	723.66 26.80	163.75 6.06	887.41 32.87	148.27 5.49	1,035.68 38.36	151.69 5.62		90.28 3.34	1,277.65 47.32	71.79 2.66	1,349.44 49.98	134.68 4.99	1,484.12 54.97		
	1921	1.17	1.97	3.14	4.50	7.64	4.28	11.92	1.80	13.72	8.56	22.28	7.17	29.45	4.18	33.63	3.57	37.20	1.66	38.86	3.86	42.72	3.35	46.07	3.84	-8.58
28	total avg.	100.70 3.60	123.32 4.40	224.02 8.00	117.16 4.18	341.18 12.19	141.28 5.05	482.46		597.55 21.34	148.39 5.30	745.94 26.64	170.92 6.10	916.86 32.75	152.45 5.44	1,069.31 38.19	155.26 5.55		91.94 3.28	1,316.51 47.02	75.65 2.70	1,392.16 49.72	138.03 4.93	1,530.19 54.65		
29	1922 total	4.54 105.24	3.55 126.87	8.09 232.11	8.22 125.38	16.31 357.49	4.17 145.45	20.48 502.94		26.68 624.23	4.45 152.84	31.13 777.07	4.68 175.60	35.81 952.67	6.50 158.95	42.31 1,111.62	1.31 156.57	43.62 1,268.19	4.11 96.05	47.73 1,364.24	3.55 79.20	51.28 1,443.44	6.85 144.88	58.13 1,588.32	4.84	3.36
29	avg.	3.63	4.37	8.00	4.32	12.33	5.02	17.34	4.18	21.53	5.27	26.80	6.06	32.85	5.48	38.33	5.40	43.73	3.31	47.04	2.73	49.77	5.00	54.77		
30	1923 total	3.99 109.23	2.26	6.25 238.36	4.46 129.84	10.71 368.20	4.13 149.58	14.84 517.78		24.55 648.78	6.17 159.01	30.72 807.79	9.83 185.43	40.55 993.22	7.48	48.03	2.60 159.17		2.46 98.51	53.09 1.417.33	4.94 84.14	58.03 1.501.47	3.63 148.51	61.66 1.649.98	5.14	6.66
	avg.	3.64	4.30	7.95	4.33	12.27	4.99	17.26	4.37	21.63	5.30	26.93	6.18	33.11	5.55	38.66	5.31	43.96	3.28	47.24	2.80	50.05	4.95	55.00	Thirty Year	
31	1924 total	5.59 114.82	5.24 134.37	10.83 249.19	2.11 131.95	12.94 381.14	2.67 152.25	15.61 533.39	5.89 136.89	21.50 670.28	3.56 162.57	25.06 832.85	1.51 186.94	26.57 1,019.79	2.29 168.72	28.86	2.83 162.00		0.00 98.51	31.69 1,449.02	0.21 84.35	31.90 1,533.37	6.70 155.21	38.60 1,688.58	3.22	-15.87
	avg.	3.70 5.47	4.33	8.04 7.14	4.26 0.91	12.29 8.05	4.91 0.81	17.21 8.86	4.42	21.62 12.98	5.24 3.68	26.87 16.66	6.03 6.98	32.90 23.64	5.44 2.61	38.34 26.25	5.23 6.10	43.56	3.18 7.27	46.74 39.62	2.72 4.80	49.46	5.01 3.34	54.47 47.76	2.00	6.50
32	1925 total	120.29		256.33	132.86	389.19	153.06	542.25		683.26	166.25	849.51	193.92	1,043.43	171.33	1,214.76	168.10		105.78	1,488.64	4.60	1,577.79	3.34	1,736.34	3.98	-6.50
	avg. 1926	3.76 5.50	4.25	8.01 8.34	4.15 14.38	12.16	4.78 5.92	16.95 28.64		21.35 39.95	5.20 3.26	26.55 43.21	6.06 4.96	32.61 48.17	5.35 6.48	37.96 54.65	5.25 5.51		3.31 3.83	46.52 63.99	2.79 2.74	49.31 66.73	4.95 1.98	54.26 68.71	5.73	14.01
33	total	125.79	138.88	264.67	147.24	411.91	158.98	570.89	152.32	723.21	169.51	892.72	198.88	1,091.60	177.81	1,269.41	173.61	1,443.02	109.61	1,552.63	91.89	1,644.52	160.53	1,805.05	3.73	14.01
	avg. 1927	3.81 0.56	4.21	8.02 11.72	4.46 6.74	12.48 18.46	4.82 14.65	17.30 33.11	4.62 2.84	21.92 35.95	5.14	27.05 42.95	6.03 4.61	33.08 47.56	5.39 7.54	38.47 55.10	5.26 1.91	6 43.73 57.01	3.32	47.05 60.10	2.78	49.83 61.81	4.86 3.84	54.70 65.65	5.47	10.63
34	total	126.35	150.04	276.39	153.98	430.37	173.63	604.00	155.16	759.16	176.51	935.67	203.49	1,139.16	185.35	1,324.51	175.52	1,500.03	112.70	1,612.73	93.60	1,706.33	164.37	1,870.70		
	avg. 1928	3.72 1.68	4.41 7.23	8.13 8.91	4.53 3.22	12.66 12.13	5.11 6.67	17.76 18.80	4.56 5.41	22.33 24.21	5.19 13.38	27.52 37.59	5.99 5.38	33.50 42.97	5.45 5.98	38.96 48.95	5.16 4.15		3.31 2.86	47.43 55.96	2.75 4.39	50.19 60.35	4.83 5.26	55.02 65.61	5.47	10.29
35	total avg.	128.03 3.66	157.27 4.49	285.30 8.15	157.20 4.49	442.50	180.30 5.15	622.80		783.37 22.38	189.89 5.43	973.26 27.81	208.87 5.97	1,182.13 33.78	191.33 5.47	1,373.46 39.24	179.67 5.13		115.56 3.30	1,668.69 47.68	97.99 2.80	1,766.68 50.48	169.63 4.85	1,936.31 55.32		
	1929	9.97	6.22	16.19	6.10	22.29	1.88	24.17	8.17	32.34	3.26	35.60	10.99	46.59	4.54	51.13	14.63	65.76	5.98	71.74	4.73	76.47	2.74	79.21	6.60	23.22
36	total avg.	138.00 3.83	163.49 4.54	301.49 8.37	163.30 4.54	464.79 12.91	182.18 5.06	646.97 17.97	168.74 4.69	815.71 22.66	193.15 5.37	1,008.86 28.02	219.86 6.11	1,228.72 34.13	195.87 5.44	1,424.59 39.57	194.30 5.40		121.54 3.38	1,740.43 48.35	102.72 2.85	1,843.15 51.20	172.37 4.79	2,015.52 55.99		
	1930	6.54	2.83	9.37	5.07	14.44	2.92	17.36	2.70	20.06	1.51	21.57	7.78	29.35	9.79	39.14	7.20	46.34	4.41	50.75	7.59	58.34	1.80	60.14	5.01	4.04
37	total avg.	144.54 3.91	166.32 4.50	310.86 8.40	168.37 4.55	479.23 12.95	185.10 5.00	664.33 17.95		835.77 22.59	194.66 5.26	1,030.43 27.85	227.64 6.15	1,258.07 34.00	205.66 5.56	1,463.73 39.56	201.50 5.45		125.95 3.40	1,791.18 48.41	110.31 2.98	1,901.49 51.39	174.17 4.71	2,075.66 56.10		
38	1931 total	4.34 148.88	3.63	7.97 318.83	5.14 173.51	13.11 492.34	3.21 188.31	16.32 680.65		18.78 854.55	2.80 197.46	21.58 1,052.01	6.96 234.60	28.54 1,286.61	5.39 211.05	33.93 1,497.66	1.60 203.10		4.31 130.26	39.84 1,831.02	2.70 113.01	42.54 1,944.03	8.31	50.85 2,126.51	4.24	-5.11
30	total avg.	148.88	169.95 4.47	318.83	4.57	492.34	4.96	17.91	4.58	854.55 22.49	5.20	27.68	234.60	33.86	5.55	39.41	203.10		3.43	48.18	2.97	51.16	182.48 4.80	2,126.51 55.96		
39	1932 total	4.67 153.55	2.13 172.08	6.80 325.63	2.23 175.74	9.03 501.37	6.15 194.46	15.18 695.83		29.96 884.51	3.37 200.83	33.33 1,085.34	4.50 239.10	37.83 1,324.44	7.54 218.59	45.37 1,543.03	5.19 208.29		8.23 138.49	58.79 1,889.81	3.14 116.15	61.93 2,005.96	4.04 186.52	65.97 2,192.48	5.50	9.75
	avg.	3.94	4.41	8.35	4.51	12.86	4.99	17.84	4.84	22.68	5.15	27.83	6.13	33.96	5.60	39.56	5.34	44.91	3.55	48.46	2.98	51.43	4.78	56.22		
40	1933 total	3.33 156.88	5.42 177.50	8.75 334.38	5.73 181.47	14.48 515.85	6.75 201.21	21.23		24.81 909.32	1.41 202.24	26.22 1,111.56	6.67 245.77	32.89 1,357.33	5.85 224.44	38.74	3.34 211.63		0.70	42.78 1.932.59	3.65 119.80	46.43 2,052.39	1.25 187.77	47.68 2.240.16	3.97	-8.32
	avg.	3.92	4.44	8.36	4.54	12.90	5.03	17.93		22.73	5.06	27.79	6.14	33.93	5.61	39.54	5.29		3.48	48.31	3.00	51.31	4.69		Forty Years	s

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		JANUARY	T	RUARY	MAI	RCH	AP		M/	4Υ 	L	JNE		ULY	AU	GUST		MBER		OBER		EMBER	DEC	EMBER	GEĽ≮	КE
YEAR No.	YEAR	INUOMA	AMOUNT	TOTAL FO DATE	INUOMA	TOTAL TO DATE	INUOMA	TOTAL TO DATE	LNUOMA	TOTAL TO DATE	LNUOMA	TOTAL TO DATE	AMOUNT	TOTAL FO DATE	LNUOMA	TOTAL FO DATE	MOUNT	TOTAL TO DATE	LNUOMA	TOTAL TO DATE	LNUOMA	TOTAL TO DATE	MOUN	TOTAL TO DATE	ANNUAL MONTHLY AVERAGE	EXCESS O DEFICIT
41	1934 total	5.66	3.47 180.97	9.13 343.51	5.40 186.87	14.53 530.38	4.81 206.02	19.34 736.40	9.09 201.35	28.43	4.88	33.31 1,144.87	6.01 251.78	39.32 1,396.65	10.88 235.32	50.20 1,631.97	2.01 213.64	52.21 1,845.61	2.73 141.92	54.94 1,987.53	5.87 125.67	60.81 2,113.20	1.90 189.67	62.71 2,302.87	5.23	6.54
	avg. 1935	3.96	4.41	8.38 5.43	4.56	12.94 14.34	5.02	17.96	4.91	22.87 25.99	5.05 3.57	27.92 29.56	6.14	34.06	5.74	39.80 41.92	5.21	45.01 44.56	3.46 0.61	48.48	3.07	51.54 46.67	4.63	56.17 53.33	4.44	-2.7
42	total avg.	164.89 3.93	184.05 4.38	348.94 8.31	195.78 4.66	544.72 12.97	213.65 5.09	758.37		963.74 22.95	210.69 5.02		259.48	1,433.91	239.98 5.71	1,673.89 39.85	216.28	1,890.17 45.00	142.53 3.39	2,032.70 48.40	127.17 3.03	2,159.87 51.43	196.33 4.67	2,356.20 56.10		
43	1936 total	8.25 173.14	5.11 189.16	13.36 362.30	2.11 197.89	15.47 560.19		21.02 779.39		25.38 989.12			265.89	1,466.40			221.18	43.28 1,933.45	3.22 145.75	46.50 2,079.20	2.94 130.11		3.48 199.81	52.92 2,409.12	4.41	-3.1
44	avg. 1937	4.03	4.40	8.43 5.84	4.60	13.03 10.92	5.10 6.95	18.13	4.88	23.00	4.92 8.95	27.92	3.72	34.11	5.72 5.14	39.82 39.25	5.19	44.96 44.44	3.39 24.62	48.35	3.03	51.38 70.35	4.65	56.03 73.92	6.16	17.49
44	total avg. 1938	176.98 4.02 4.65	191.16 4.34 1.70	368.14 8.37 6.35	202.97 4.61 1.08	571.11 12.98 7.43	226.15 5.14 2.86	797.26 18.12 10.29	213.30 4.85 2.40	1,010.56 22.97 12.69	220.34 5.01 3.33	1,230.90 27.98 16.02	6.13	34.10	251.01 5.70 4.18	1,751.52 39.81 28.50	5.14	1,977.89 44.95 33.56	170.37 3.87 0.65	2,148.26 48.82 34.21	131.40 2.99 2.07	2,279.66 51.81 36.28	203.38 4.62 4.29	2,483.04 56.43 40.57	3 38	-15.5
45	total ava.	4.03 181.63 4.04	192.86 4.29	374.49	204.05 4.53	578.54 12.86		807.55		1,023.25	223.67 4.97			1,524.83	255.19 5.67		231.43	2,011.45 44.70	171.02 3.80	2,182.47 48.50	133.47 2.97			2,523.61 56.08	3.36	-15.5
46	1939 total	2.06 183.69	3.87 196.73	5.93 380.42	1.24 205.29	7.17 585.71	2.99	10.16 817.71	10.51	20.67 1,043.92	3.75 227.42	24.42	4.60	29.02	5.54	34.56 1,814.58	3.18	37.74 2,049.19	0.36 171.38	38.10 2,220.57	3.08 136.55	41.18 2,357.12	2.36 210.03	43.54 2,567.15	3.63	-12.27
	avg. 1940	3.99 4.59	4.28 7.92	8.27 12.51	4.46 4.23	12.73 16.74	5.04 10.11	17.78 26.85	4.92 0.86	22.69 27.71	4.94 6.83	27.64 34.54	9.92	44.46	5.67 9.57	39.45 54.03	7.79	44.55 61.82	3.73 1.09	48.27 62.91	2.97 1.09	51.24 64.00	4.57 7.64	55.81 71.64	5.97	15.50
47	total avg.	188.28 4.01 3.90	204.65 4.35 2.66	392.93 8.36	209.52 4.46 2.64	602.45 12.82 9.20	242.11 5.15 2.74	844.56 17.97 11.94	4.83	1,071.63 22.80 14.49	234.25 4.98	27.78	6.22	34.01	270.30 5.75	1,868.61 39.76 40.76	5.16	2,111.01 44.92 46.79	172.47 3.67 5.54	2,283.48	137.64 2.93 1.67	2,421.12	217.67	2,638.79 56.14 57.32	4.78	
48	1941 total avg.	3.90 192.18 4.00	2.66 207.31 4.32	6.56 399.49 8.32	212.16 4.42	9.20 611.65 12.74		856.50 17.84	2.55 229.62 4.78	1,086.12 22.63	12.77 247.02 5.15	27.26 1,333.14 27.77		1,633.10	5.97 276.27 5.76	40.76 1,909.37 39.78	248.43	46.79 2,157.80 44.95	5.54 178.01 3.71	52.33 2,335.81 48.66	1.67 139.31 2.90	54.00 2,475.12 51.57	3.32 220.99 4.60	2,696.11 56.17	4.78	1.18
49	1942 total	1.18	10.13	11.31 410.80	7.13	18.44 630.09	1.36	19.80 876.30	5.83 235.45	25.63 1,111.75	14.29	39.92 1,373.06	6.57	46.49	12.09	58.58	4.82	63.40 2,221.20	4.16	67.56	2.22	69.78 2,544.90	3.79	73.57	6.13	17.05
	avg. 1943	3.95 2.29	4.44 1.39	8.38 3.68	4.48 7.86	12.86 11.54	5.02 1.47	17.88 13.01	4.81 2.67	22.69 15.68	5.33 3.11	28.02 18.79	6.26	34.28	5.88 3.80	40.16 29.32	5.17	45.33 42.52	3.72 0.76	49.05 43.28	2.89 1.40	51.94 44.68	4.59 5.04	56.52 49.72	4.14	-6.67
50	total avg.	195.65 3.91	218.83 4.38	414.48 8.29	227.15 4.54	641.63 12.83	4.95	889.31 17.79	4.76	1,127.43 22.55	264.42 5.29	1,391.85 27.84	6.27	34.10	292.16 5.84	1,997.27 39.95	5.33	2,263.72 45.27	182.93 3.66	2,446.65 48.93	142.93 2.86	2,589.58 51.79	229.82 4.60		Fifty Years	-
51	1944 total	8.02	4.70	12.72 427.20	5.93 233.08	18.65 660.28	9.21 256.89	27.86		32.13 1,159.56	3.29 267.71		317.65	1,744.92	6.19 298.35		272.11	51.66 2,315.38	0.96	52.62 2,499.27	12.12 155.05		2.37 232.19	67.11 2,886.51	5.59	10.5
52	avg. 1945 total	3.99 4.69 208.36	4.38 4.69 228.22	8.38 9.38 436.58	4.57 2.30 235.38	12.95 11.68 671.96	5.04 5.35 262.24	17.98 17.03 934.20	4.75 2.82 245.21	22.74 19.85 1,179.41	5.25 4.02 271.73	27.99 23.87 1,451.14	12.01	35.88	5.85 5.16 303.51	40.06 41.04 2,084.31	6.70	45.40 47.74 2,363.12	3.61 2.58 186.47	49.01 50.32 2,549.59	3.04 2.63 157.68	52.05 52.95 2,707.27	4.55 5.31 237.50	56.60 58.26 2.944.77	4.86	1.63
	avg.	4.01	4.39	8.40	4.53	12.92	5.04	17.97	4.72	22.68	5.23	27.91 43.08	6.34	34.25	5.84	40.08	5.36	45.44 61.53	3.59	49.03	3.03	52.06 65.05	4.57	56.63 67.42	5.62	10.59
53	total avg.	213.49 4.03	232.04 4.38	445.53 8.41	250.48 4.73	696.01 13.13	265.52 5.01	961.53 18.14	4.79	1,215.27 22.93	278.95 5.26	28.19	6.33	34.52	308.01 5.81	40.33	5.42	2,424.65 45.75	186.68 3.52	2,611.33 49.27	160.99 3.04	2,772.32 52.31	239.87 4.53	3,012.19 56.83		
54	1947 total	7.50	2.60 234.64	10.10 455.63	7.48	17.58 713.59		25.67 987.20		31.14	6.66 285.61	37.80	338.50	1,870.52		46.45 2,184.04	290.28	49.67 2,474.32	3.21 189.89	52.88 2,664.21	12.58 173.57		7.65	73.11 3,085.30	6.09	15.97
55	avg. 1948 total	4.09 4.53 225.52	4.35 1.38 236.02	8.44 5.91 461.54	4.78 18.70 276.66	13.21 24.61 738.20	5.07 1.73 275.34	18.28 26.34 1,013.54	4.80 2.53 261.74	23.08 28.87 1,275.28	5.29 2.85 288.46	28.37 31.72 1,563.74		37.18	5.81 7.61 321.13	40.45 44.79 2,228.83	12.69	45.82 57.48 2,531.80	3.52 1.08 190.97	49.34 58.56 2,722.77	3.21 9.94 183.51	52.55 68.50 2,906.28	4.58 4.66 252.18	57.14 73.16 3,158.46	6.10	15.73
00	avg.	4.10	4.29	8.39	5.03 10.98	13.42	5.01 9.44	18.43	4.76	23.19	5.24	28.43	6.25	34.69	5.84	40.52	5.51	46.03	3.47	49.50	3.34	52.84 57.00	4.59	57.43	5.08	3.4
56	total avg.	227.91 4.07	240.42 4.29	468.33 8.36	287.64 5.14	755.97 13.50		1,040.75 18.58		1,303.47 23.28	294.46 5.26		350.55	1,948.48			310.52	2,585.18 46.16	194.47 3.47		183.63 3.28	2,963.28 52.92	256.08 4.57	3,219.36 57.49		
57	1950 total	1.91 229.82	1.20 241.62	3.11 471.44	4.41 292.05	7.52 763.49		13.89 1,054.64		16.15 1,319.62	3.51 297.97		357.76	1,975.35	3.60 329.78		2.10 312.62	32.57 2,617.75	1.23 195.70	33.80 2,813.45	0.76 184.39	34.56 2,997.84	6.09 262.17	40.65 3,260.01	3.39	-16.54
58	avg. 1951 total	4.03 4.49 234.31	4.24 1.40 243.02	8.27 5.89 477.33	5.12 7.52 299.57	13.39 13.41 776.90	5.11 5.67 296.82	18.50 19.08 1.073.72	4.65 1.75 266.73	23.15 20.83 1.340.45	5.23 3.78 301.75	28.38 24.61 1.642.20	4.28	28.89	5.79 3.18 332.96	40.44 32.07 2.337.20	5.60	45.93 37.67 2.655.42	3.43 0.96 196.66	49.36 38.63 2.852.08	3.23 3.26 187.65	52.59 41.89 3.039.73	4.60 2.78 264.95	57.19 44.67 3.304.68	3.72	-12.3
50	avg. 1952	234.31 4.04 2.58	243.02 4.19 8.84	477.33 8.23 11.42	299.57 5.17 5.19	13.39 16.61	296.82 5.12 3.14	1,073.72 18.51 19.75	4.60 4.32	23.11	301.75 5.20 2.98	1,642.20 28.31 27.05	6.24	34.56	332.96 5.74 3.58	2,337.20 40.30 40.72	5.49	2,655.42 45.78 43.08	196.66 3.39 0.00	2,852.08 49.17 43.08	187.65 3.24 1.91	3,039.73 52.41 44.99	264.95 4.57 6.46	3,304.68 56.98 51.45	4.29	-5.43
59	total avg.	236.89 4.02	251.86 4.27	488.75	304.76 5.17	793.51	299.96 5.08	1,093.47 18.53		1,364.52 23.13	304.73 5.16	1,669.25	372.13	2,041.38	336.54 5.70	2,377.92 40.30	320.58	2,698.50 45.74	196.66 3.33	2,895.16	189.56 3.21	3,084.72 52.28	271.41 4.60	3,356.13 56.88	20	
60	1953 total	2.25 239.14	6.14 258.00	8.39 497.14	4.52 309.28	12.91 806.42	7.86 307.82	20.77 1,114.24	1.44 272.49	22.21 1,386.73	7.84 312.57	30.05 1,699.30	9.23 381.36	39.28 2,080.66	6.85 343.39	46.13 2,424.05	1.70 322.28	47.83 2,746.33	0.69 197.35	48.52 2,943.68	11.03 200.59	59.55 3,144.27	8.72 280.13	68.27 3,424.40	5.69	
	avg.	3.99	4.30	8.29	5.15	13.44	5.13	18.57	4.54	23.11	5.21	28.32	6.36	34.68	5.72	40.40	5.37	45.77	3.29	49.06	3.34	52.40	4.67	57.07	Sixty Year	s

								T/	ABLE OF F			ORLEANS					GES IN 1	1894								
		JANUARY	FEBF	RUARY	MA	RCH	AF	PRIL	M	٩Y	J	UNE	JL	JLY	AU	GUST	SEPT	EMBER	OCT	OBER	NOV	EMBER	DECE	EMBER	」 ア ビ	۲.
YEAR No.	YEAR	AMOUNT	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	ANNUAL MONTHLY AVERAGE	EXCESS OR DEFICIT
61	1954 total	3.58 242.72	259.57	5.15 502.29	311.92	7.79 814.21	1.00 308.82	8.79 1,123.03	3.95 276.44	12.74 1,399.47	3.58 316.15		8.04 389.40		3.75 347.14	28.11 2,452.16	5.96 328.24	2,780.40	3.67 201.02	37.74 2,981.42	2.81 203.40	40.55 3,184.82	5.08 285.21	45.63 3,470.03	3.80	-11.26
60	avg. 1955	3.98 6.09 248.81	5.62	8.23	0.09	13.35 11.80 826.01	5.06 6.96 315.78	18.41 18.76 1,141.79	4.53 4.86 281.30	22.94 23.62 1,423.09	5.18 2.75 318.90	26.37	6.38 12.17 401.57	34.51 38.54	5.69 12.35 359.49	40.20 50.89 2,503.05	5.38 7.19 335.43	58.08	3.30 1.53 202.55	48.88 59.61 3,041.03	3.33 3.24	52.21 62.85	4.68 2.37 287.58	56.89 65.22	5.44	8.20
62	total avg. 1956	4.01	4.28	514.00 8.29 10.66	5.03	13.32 14.90	5.09	1,141.79 18.42 18.76		22.95	5.14		6.48 6.87	2,143.56 34.57 42.39	5.80 3.97	2,503.05 40.37 46.36	5.43 5.41 9.79	45.78	3.27	49.05 57.38	206.64 3.33 1.37	3,247.67 52.38 58.75	4.64	3,535.25 57.02 65.35	5.45	8.20
63	total avg.	251.03 3.98	273.63	524.66 8.33	316.25	840.91 13.35		1,160.55 18.42		1,446.81 22.97	330.70 5.25		408.44 6.48		363.46 5.77		345.22 5.48	2,894.63	203.78 3.23	3,098.41 49.18	208.01 3.30	3,306.42 52.48	294.18 4.67	3,600.60 57.15		
64	1957 total	1.30 252.33	276.05	3.72 528.38	325.69	13.16 854.07	325.38	18.90 1,179.45		21.78 1,468.59	7.88	1,807.17	5.77 414.21	35.43 2,221.38	7.12	42.55 2,591.96	11.49 356.71	2,948.67	1.67 205.45	55.71 3,154.12	3.95 211.96	59.66 3,366.08	3.28 297.46	62.94 3,663.54	5.25	5.70
65	avg. 1958 total	3.94 6.03 258.36	3.61	8.26 9.64 538.02	8.26	13.34 17.90 871.97	5.08 3.18 328.56	18.43 21.08 1,200.53		22.95 28.33 1,496.92	5.29 3.86 342.44	32.19	6.47 8.68 422.89	34.71 40.87 2,262.25	5.79 4.81 375.39	40.50 45.68 2.637.64	5.57 5.96 362.67		3.21 1.03 206.48	49.28 52.67 3,206.79	3.31 1.16 213.12	52.60 53.83 3,419.91	4.65 1.30 298.76	57.24 55.13 3,718.67	4.59	-2.08
	avg. 1959	3.97 3.45	4.30 10.63	8.28 14.08	5.14 4.29	13.41 18.37	5.05 3.77	18.47 22.14	4.56 11.80	23.03 33.94	5.27 5.99	28.30 39.93	6.51 14.24	34.80 54.17	5.78 5.33	40.58 59.50	5.58 3.03	46.16 62.53	3.18 7.18	49.34 69.71	3.28 1.05	52.61 70.76	4.60 2.30	57.21 73.06	6.09	15.61
66	total avg.	261.81	290.29 4.40	552.10 8.37	5.12	890.34 13.49	5.04	1,222.67	308.19 4.67	1,530.86	348.43	28.47	437.13	2,316.42	380.72 5.77	2,697.14 40.87	5.54	46.41	213.66	3,276.50 49.64	214.17 3.25	3,490.67 52.89	301.06 4.56	3,791.73	4.67	
67	1960 total avg.	4.40 266.21 3.97		9.80 561.90 8.39	343.09	14.65 904.99 13.51	6.56 338.89 5.06	21.21 1,243.88 18.57	4.41 312.60 4.67	25.62 1,556.48 23.23	1.78 350.21 5.23	1,906.69	6.12 443.25 6.62	33.52 2,349.94 35.07	7.15 387.87 5.79	40.67 2,737.81 40.86	3.98 369.68 5.52	3,107.49	4.12 217.78 3.25	48.77 3,325.27 49.63	3.21 217.38 3.24	51.98 3,542.65 52.88	4.04 305.10 4.55	56.02 3,847.75 57.43	4.67	-1.41
68	1961 total	6.66	8.63	15.29 577.19	6.84	22.13	4.26	26.39	6.56	32.95 1,589.43	10.76 360.97	43.71	7.75	51.46	5.24 393.11	56.70 2,794.51	5.67 375.35	62.37	3.36 221.14	65.73 3,391.00	6.00 223.38	71.73 3,614.38	6.77 311.87	78.50	6.54	20.76
	avg. 1962	4.01 3.40		8.49 5.15	1.18	13.63 6.33		18.68 9.45		23.37 10.25	5.31 8.63	28.68 18.88	6.63 3.26	35.31 22.14	5.78 5.85	41.10 27.99	5.52 4.31	32.30	3.25 1.70	49.87 34.00	3.29 2.91	53.15 36.91	4.59 2.77	57.74 39.68	3.31	-17.80
69	total avg. 1963	276.27 4.00 4.71		582.34 8.44 10.36	5.09	933.45 13.53 11.42	346.27 5.02 1.99	1,279.72 18.55 13.41	319.96 4.64 1.55	1,599.68 23.18 14.96	369.60 5.36 8.27		454.26 6.58 6.49	2,423.54 35.12 29.72	398.96 5.78 3.12	2,822.50 40.91 32.84	379.66 5.50 7.60	46.41	222.84 3.23 0.00	3,425.00 49.64 40.44	226.29 3.28 8.41	3,651.29 52.92 48.85	314.64 4.56 5.21	3,965.93 57.48 54.06	4.51	-3.37
70	total avg.	280.98		592.70	352.17	944.87		1,293.13		1,614.64 23.07	377.87		460.75		402.08	2,855.34	387.26	3,242.60	222.84 3.18	3,465.44 49.51	234.70 3.35	3,700.14 52.86	319.85 4.57	4,019.99	4.51 Seventy Ye	
71	1964 total	10.52 291.50		15.91 608.61	358.20	21.94 966.81	8.55 356.81	30.49 1,323.62		31.73 1,646.37	4.04 381.91	2,028.28			5.10 407.18	48.54 2,903.88	4.68 391.94	3,295.82	4.20 227.04	57.42 3,522.86	3.16 237.86	60.58 3,760.72	2.83 322.68	63.41 4,083.40	5.28	5.90
72	avg. 1965	4.11 6.90 298.40		8.57 12.08 620.69	3.04	13.62 15.12 981.93	5.03 1.31	18.64 16.43 1.340.05	3.59	23.19 20.02 1.666.39	5.38 5.35 387.26	25.37	6.60 4.77 473.19	35.16 30.14 2.526.84	5.73 9.15	40.90 39.29 2.943.17	5.52 6.76 398.70	46.05	3.20 1.07 228.11	49.62 47.12 3.569.98	3.35 1.60 239.46	52.97 48.72 3.809.44	4.54 6.71 329.39	57.51 55.43 4.138.83	4.62	-2.05
12	total avg. 1966	4.14	4.48	8.62	5.02	13.64 24.75	358.12 4.97 6.88	1,340.05 18.61 31.63	326.34 4.53 7.75	23.14	5.38	28.52	6.57 9.24	2,526.84 35.10 50.92	416.33 5.78 7.82	40.88	5.54 6.54	46.41	3.17 2.95	49.58 68.23	239.46 3.33 0.52	52.91 68.75	4.57 5.36	4,136.63 57.48 74.11	6.18	16.40
73	total avg.	310.60 4.25	331.43 4.54	642.03 8.79	364.65 5.00	1,006.68 13.79	365.00 5.00	1,371.68 18.79	334.09 4.58	1,705.77 23.37	389.56 5.34	2,095.33 28.70	482.43 6.61	2,577.76 35.31	424.15 5.81	3,001.91 41.12	405.24 5.55	3,407.15	231.06 3.17	3,638.21 49.84	239.98 3.29	3,878.19 53.13	334.75 4.59	4,212.94 57.71	0.10	
74	1967 total	3.60 314.20	338.58	10.75	366.19	12.29		15.22		18.22 1,723.99	4.00	2,117.55	7.40	29.62 2,607.38	9.53 433.68	39.15 3,041.06			5.92 236.98	51.34 3,689.55	0.56	51.90 3,930.09	9.04 343.79	60.94 4,273.88	5.08	3.18
75	avg. 1968 total	4.25 0.95 315.15	3.28	8.82 4.23 657.01	1.86	13.77 6.09 1,025.06	4.97 3.39 371.32	18.74 9.48 1,396.38	4.56 5.06 342.15	23.30 14.54 1,738.53	5.32 6.71 400.27	21.25	6.62 5.21 495.04	35.23 26.46 2,633.84	5.86 5.63 439.31	41.10 32.09 3,073.15	5.56 2.18 413.69	34.27	3.20 3.58 240.56	49.86 37.85 3,727.40	3.25 5.01 245.55	53.11 42.86 3,972.95	4.65 7.84 351.63	57.76 50.70 4,324.58	4.23	-6.96
	avg. 1969	4.20 3.13	4.56 4.40	8.76 7.53	4.91 7.51	13.67 15.04	4.95 4.53	18.62 19.57	4.56 5.92	23.18 25.49	5.34 1.24	28.52 26.73	6.60 5.77	35.12 32.50	5.86 8.32	40.98 40.82	5.52 2.99	46.49 43.81	3.21 0.81	49.70 44.62	3.27 1.59	52.97 46.21	4.69 5.90	57.66 52.11	4.34	-5.48
76	total avg.	318.28 4.19	4.56	664.54 8.74	4.94	1,040.10	375.85 4.95	1,415.95	4.58	1,764.02	401.51	28.49	500.81 6.59	2,666.34 35.08	447.63 5.89	3,113.97 40.97	416.68	46.46	241.37	3,772.02 49.63	247.14 3.25	4,019.16 52.88	357.53 4.70	4,376.69		
77	1970 total avg.	3.99 322.27 4.19	348.73	6.46 671.00 8.71	383.21	14.11 1,054.21 13.69	0.82 376.67 4.89	14.93 1,430.88 18.58	6.72 354.79 4.61	21.65 1,785.67 23.19	4.59 406.10 5.27		9.14 509.95 6.62	35.38 2,701.72 35.09	8.39 456.02 5.92	43.77 3,157.74 41.01	5.88 422.56 5.49	3,580.30	4.63 246.00 3.19	54.28 3,826.30 49.69	0.90 248.04 3.22	55.18 4,074.34 52.91	3.16 360.69 4.68	58.34 4,435.03 57.60	4.86	0.74
78	1971 total	4.19 1.85 324.12	4.64	6.49	3.53	10.02	0.85 377.52	10.56	2.06	12.93 1,798.60	4.19 410.29	17.12	6.48	23.60	5.92 5.53 461.55	29.13 3,186.87	15.28 437.84	44.41	1.12 247.12	49.69 45.53 3,871.83	3.59 251.63	49.12 4,123.46	6.45 367.14	55.57 4,490.60	4.63	-2.00
	avg. 1972	4.16 6.17		8.69 11.46	5.47	13.64 16.93	4.84 1.36	18.48 18.29	4.58 6.62	23.06 24.91	5.26 1.20	26.11	6.62 8.33	34.94 34.44	5.92 2.68	40.86 37.12	5.61 3.66		3.17 3.94	49.64 44.72	3.23 8.56	52.86 53.28	4.71 6.93	57.57 60.21	5.02	2.60
79	total avg. 1973	330.29 4.18 2.27		688.95 8.72 7.13	4.96	1,081.16 13.69 17.48	378.88 4.80 11.11	1,460.04 18.48 28.59	363.47 4.60 5.14	1,823.51 23.08 33.73	411.49 5.21 5.81	2,235.00 28.29 39.54	524.76 6.64 6.93	2,759.76 34.93 46.47	464.23 5.88 4.34	3,223.99 40.81 50.81	441.50 5.59 10.85		251.06 3.18 3.29	3,916.55 49.58 64.95	260.19 3.29 4.09	4,176.74 52.87 69.04	374.07 4.74 8.50	4,550.81 57.61 77.54	6.46	19.69
80	total avg.	<u>332.56</u> 4.16	363.52	696.08 8.70	402.56	1,098.64 13.73	389.99 4.87	28.59 1,488.63 18.61	5.14 368.61 4.61	33.73 1,857.24 23.22	5.81 417.30 5.22		531.69 6.65	46.47 2,806.23 35.08	4.34 468.57 5.86	3,274.80 40.94	452.35 5.65	3,727.15	3.29 254.35 3.18	3,981.50 49.77	4.09 264.28 3.30	4,245.78 53.07	8.50 382.57 4.78	4,628.35	6.46 Eighty Yea	

Т		JANUARY	FERP	UARY	MA	RCH	۸D	RIL	MA	1		JNE		JLY	Δ1.14	GUST	SEPTE	EMBER	007	OBER	NOV	EMBER	DEC	EMBER		~
YEAR			L											-	- AU				5001 E	, ш	F	ш		, W	IAL NGE	Sog
No.	YEAR	MOUN	INUOWA	TOTAL TO DATE	AMOUN	TOTAL TO DATE	LNUOMA	TOTAL FO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	MOUNT	TOTAL FO DATE	MOUN	TOTAL TO DATE	NUOM	TOTAL TO DATE	MOUN	TOTAL TO DAT	AMOUN	TOTAL TO DAT	MOUN	TOTAL FO DAT	ANNUAL MONTHLY AVERAGE	EXCESS C
	1974	7.48	4.56	12.04	5.04	17.08	5.49	22.57	10.98	33.55	1.93	35.48	5.70	41.18	7.87	49.05	5.99	55.04	0.53	55.57	6.83	62.40	5.00	67.40	5.62	
81	total	340.04	368.08	708.12	407.60	1,115.72	395.48	1,511.20	379.59	1,890.79	419.23	2,310.02	537.39		476.44	3,323.85	458.34	3,782.19	254.88	4,037.07	271.11	4,308.18	387.57	4,695.75		
	avg.	4.20	4.54	8.74	5.03	13.77	4.88	18.66	4.69	23.34	5.18	28.52	6.63		5.88	41.04	5.66	46.69	3.15	49.84	3.35	53.19	4.78	57.97		
82	1975 total	3.59	4.89 372.97	8.48 716.60	5.10 412.70	13.58	5.72 401.20	19.30 1.530.50	7.67 387.26	26.97	13.09 432.32	40.06	7.89		8.60 485.04	56.55 3.380.40	5.38 463.72	61.93 3.844.12	2.76 257.64	64.69	4.15 275.26	68.84	3.39 390.96	72.23	6.02	14.0
02	avg.	4.19	4.55	8.74	5.03	13.77	4.89	18.66	4.72	23.39	5.27	2,000.00	6.65	1	5.92	41.22	5.66	46.88	3.14	50.02	3.36	53.38	4.77	58.15		-
	1976	2.23	3.75	5.98	2.81	8.79	0.80	9.59	6.71	16.30	6.22	22.52	6.45		3.46	32.43	1.68	34.11	5.65	39.76	6.05	45.81	8.71	54.52	4.54	-3.5
83	total	345.86	376.72	722.58	415.51	1,138.09	402.00	1,540.09	393.97	1,934.06	438.54		551.73		488.50			3,878.23	263.29				399.67	4,822.50		<u> </u>
	avg. 1977	4.17	4.54 2.75	8.71 8.15	5.01 6.56	13.71 14.71	4.84 3.57	18.56 18.28	4.75 2.09	23.30	5.28 1.18	28.59 21.55	6.65 4.85		5.89 15.96	41.12 42.36	5.61 9.06	46.73 51.42	3.17 4.72	49.90 56.14	3.39 7.67	53.29 63.81	4.82	58.10 67.74	5.65	9.5
84	total	351.26	379.47	730.73	422.07	1,152.80	405.57	1,558.37	396.06	1.954.43	439.72	2.394.15			504.46			3,929.65	268.01	4,197.66		4,486.64	403.60	4.890.24	5.05	9.0
	avg.	4.18	4.52	8.70	5.02	13.72	4.83	18.55	4.72	23.27	5.23	28.50	6.63	35.13	6.01	41.13	5.65	46.78	3.19	49.97	3.44	53.41	4.80	58.22		
	1978	11.10	2.27	13.37	3.58	16.95	2.99	19.94	10.65	30.59	8.04	38.63	7.03		7.46	53.12	3.16	56.28	0.00	56.28	5.48	61.76	5.44	67.20	5.60	8.8
85	total avg.	362.36	381.74 4.49	744.10 8.75	425.65 5.01	1,169.75 13.76	408.56 4.81	1,578.31 18.57	406.71 4.78	1,985.02 23.35	447.76 5.27	2,432.78 28.62	563.61 6.63		511.92 6.02	3,508.31 41.27	477.62 5.62	3,985.93 46.89	268.01 3.15	4,253.94 50.05	294.46 3.46	4,548.40 53.51	409.04	4,957.44 58.32		──
	avg. 1979	4.20	4.49	16.97	4.37	21.34	3.66	25.00	4.78	23.35	1.21	20.02	9.23	40.23	4.33	41.27	5.62	40.69	1.14	51.25	4.54	55.79	2.79	58.58	4.88	0.2
86	total	367.85	393.22	761.07	430.02	1,191.09	412.22	1,603.31	411.50	2,014.81	448.97	2,463.78	572.84	3,036.62	516.25	3,552.87	483.17	4,036.04	269.15	4,305.19	299.00	4,604.19	411.83	5,016.02		
	avg.	4.28	4.57	8.85	5.00	13.85	4.79	18.64	4.78	23.43	5.22	28.65	6.66		6.00	41.31	5.62	46.93	3.13	50.06	3.48	53.54	4.79	58.33		
87	1980 total	5.29 373.14	3.20	8.49 769.56	10.32 440.34	18.81 1,209.90	18.66 430.88	37.47 1,640.78	8.40 419.90	45.87	1.30 450.27	47.17 2,510.95	5.47 578.31		3.71 519.96	56.35 3,609.22	4.97	61.32 4,097.36	5.84 274.99	67.16 4,372.35	3.23 302.23	70.39 4,674.58	1.78 413.61	72.17 5,088.19	6.01	13.6
07	total avg.	4.29	396.42 4.56	8.85	5.06	13.91	430.88	1,640.76	419.90	2,060.68	5.18	2,510.95	6.65		5.98	41.49	488.14 5.61	4,097.36	3.16	4,372.35	3.47	4,674.56	413.01	58.48		<u> </u>
	1981	0.58	7.96	8.54	1.96	10.50	1.35	11.85	3.70	15.55	9.56	25.11	3.77		5.32	34.20	3.46	37.66	1.21	38.87	0.76	39.63	7.06	46.69	3.89	-11.6
88	total	373.72	404.38	778.10	442.30	1,220.40	432.23	1,652.63		2,076.23	459.83	2,536.06		- 1		3,643.42		4,135.02	276.20	4,411.22		4,714.21	420.67	5,134.88		
	avg.	4.25	4.60	8.84	5.03	13.87	4.91	18.78	4.81	23.59	5.23 3.83	28.82	6.61	35.43	5.97	41.40	5.59	46.99 44.20	3.14	50.13	3.44	53.57	4.78	58.35	5.44	0.0
89	1982 total	1.75	5.84 410.22	7.59 785.69	3.45 445.75	11.04	7.44 439.67	18.48 1.671.11	3.33 426.93	21.81	3.83	25.64 2.561.70	8.14 590.22		5.59 530.87	39.37 3.682.79	4.83 496.43	44.20	3.82 280.02	48.02	3.46 306.45	51.48	10.19 430.86	61.67 5.196.55	5.14	3.2
00	avg.	4.22	4.61	8.83	5.01	13.84	4.94	18.78	4.80	23.57	5.21	28.78	6.63		5.96	41.38	5.58	46.96	3.15	50.10	3.44	53.55	4.84	58.39		
	1983	4.81	8.91	13.72	4.14	17.86	17.87	35.73	3.91	39.64	9.28	48.92	2.92		5.92	57.76	6.82	64.58	4.28	68.86	4.30	73.16	7.47	80.63	6.72	21.9
90	total	380.28	419.13	799.41	449.89	1,249.30	457.54	1,706.84	430.84	2,137.68	472.94		593.14		536.79	3,740.55	503.25	4,243.80	284.30	4,528.10			438.33	5,277.18		L
	avg. 1984	4.23	4.66 5.00	8.88 8.70	5.00 3.90	13.88 12.60	5.08 1.84	18.96 14.44	4.79 2.53	23.75 16.97	5.25 5.08	29.01 22.05	6.59 5.50	35.60 27.55	5.96 6.62	41.56 34.17	5.59 1.61	47.15 35.78	3.16 2.12	50.31 37.90	3.45 2.55	53.77 40.45	4.87 1.85	42.30	Ninety Yea 3.53	
91	total	383.98	424.13	808.11	453.79	1.261.90	459.38	1.721.28		2.154.65	478.02		598.64		543.41			4.279.58	286.42	4.566.00			440.18	5.319.48	5.55	-10.1
	avg.	4.22	4.66	8.88	4.99	13.87	5.05	18.92	4.76	23.68	5.25	28.93	6.58	35.51	5.97	41.48	5.55	47.03	3.15	50.18	3.44	53.62	4.84	58.46		
	1985	4.50	6.50	11.00	6.93	17.93	0.47	18.40	1.06	19.46	3.34	22.80	7.63		7.18	37.61	6.21	43.82	15.00	58.82	1.06	59.88	4.07	63.95	5.33	5.4
92	total avg.	388.48	430.63 4.68	819.11 8.90	460.72 5.01	1,279.83 13.91	459.85 5.00	1,739.68 18.91	434.43 4.72	2,174.11 23.63	481.36 5.23	2,655.47 28.86	606.27 6.59		550.59 5.98	3,812.33 41.44		4,323.40 46.99	301.42 3.28	4,624.82 50.27	314.36 3.42	4,939.18 53.69	444.25 4.83	5,383.43 58.52		
	1986	3.57	4.08	7.90	3.00	10.90	1.38	12.28	1.83	14.11	5.81	19.92	5.67		5.98	31.53	3.43	34.96	2.25	37.21	6.56	43.77	4.83	48.56	4.05	-9.8
93	total	392.05	434.96	827.01	463.72	1,290.73	461.23	1,751.96		2,188.22	487.17	2,675.39	611.94		556.53	3,843.86		4,358.36	303.67	4,662.03	320.92		449.04			0.0
	avg.	4.22	4.68	8.89	4.99	13.88	4.96	18.84	4.69	23.53	5.24	28.77	6.58		5.98	41.33	5.53	46.86	3.27	50.13	3.45	53.58	4.83	58.41		
94	1987	8.68	6.38	15.06	5.37	20.43	1.31	21.74	5.09	26.83	9.77	36.60	4.07		4.37	45.04	2.22	47.26	0.43	47.69	3.36	51.05	2.14	53.19	4.43	-5.1
94	total avg.	400.73	441.34 4.70	842.07 8.96	469.09 4.99	1,311.16 13.95	462.54 4.92	1,773.70 18.87	441.35 4.70	2,215.05 23.56	496.94 5.29	2,711.99 28.85	616.01 6.55		560.90 5.97	3,888.90 41.37	516.72 5.50	4,405.62 46.87	304.10 3.24	4,709.72 50.10	324.28 3.45	5,034.00 53.55	451.18 4.80	5,485.18 58.35		
	1988	4.19	10.92	15.11	8.58	23.69	11.24	34.93	2.34	37.27	6.45	43.72	3.90		11.74	59.36	11.59	70.95	1.52	72.47	1.70	74.17	1.73	75.90	6.33	17.3
95	total	404.92	452.26	857.18	477.67	1,334.85	473.78	1,808.63		2,252.32	503.39		619.91		572.64	3,948.26		4,476.57	305.62	4,782.19			452.91	5,561.08		
	avg.	4.26	4.76	9.02	5.03	14.05	4.99 3.25	19.04 11.41	4.67	23.71	5.30	29.01 19.96	6.53 9.53		6.03 1.95	41.56 31.44	5.56	47.12 34.33	3.22	50.34	3.43 15.44	53.77	4.77	58.54	4.74	-16
96	1989 total	406.63	452.27	1.72 858.90	6.44 484.11	8.16	3.25	11.41	3.90 447.59	15.31 2,267.63	4.65 508.04		9.53		1.95		2.89 531.20	34.33 4,510.90	307.33	36.04 4,818.23		51.48 5,159.65		56.87 5,617.95	4.74	-1.6
	avg.	4.24	4.71	8.95	5.04	13.99	4.97	18.96	4.66	23.62	5.29	28.91	6.56	- 1	5.99	41.46	5.53	46.99	3.20	50.19	3.56	53.75	4.77	58.52		
	1990	9.39	8.66	18.05	6.03	24.08	2.32	26.40	9.00	35.40	5.29	40.69	2.58	43.27	2.73	46.00	3.83	49.83	2.68	52.51	3.06	55.57	5.73	61.30	5.11	2.7
97	total	416.02	460.93	876.95	490.14	1,367.09	479.35	1,846.44	456.59	2,303.03	513.33	2,816.36	632.02			4,025.70	535.03	4,560.73	310.01	4,870.74		- / -	464.03	5,679.25		<u> </u>
	avg. 1991	4.29 23.59	4.75	9.04 27.89	5.05 7.11	14.09 35.00	4.94 18.66	19.04 53.66	4.71 14.24	23.74 67.90	5.29 13.50	29.03 81.40	6.52 9.27		5.95 6.60	41.50 97.27	5.52 3.56	47.02 100.83	3.20	50.21 102.56	3.55	53.77 104.79	4.78	58.55 109.09	9.09	50.0
98	total	439.61	465.23	904.84	497.25	1,402.09	498.01	1,900.10		2,370.93	526.83	2,897.76	641.29		583.92	4,122.97	538.59	4,661.56	311.74	4,973.30	346.71	5,320.01	468.33	5,788.34	9.09	50.0
	avg.	4.49	4.75	9.23	5.07	14.31	5.08	19.39	4.80	24.19	5.38	29.57	6.54	36.11	5.96	42.07	5.50	47.57	3.18	50.75	3.54	54.29	4.78	59.06		
	1992	12.04	10.10	22.14	7.57	29.71	1.66	31.37	0.91	32.28	8.40	40.68	4.55		10.70	55.93	7.34	63.27	0.16	63.43	16.57	80.00	6.87	86.87	7.24	27.5
99	total	451.65	475.33	926.98	504.82	1,431.80 14.46	499.67	1,931.47	471.74	2,403.21 24.27	535.23 5.41	2,938.44	645.84		594.62 6.01	4,178.90		4,724.83	311.90 3.15	5,036.73			475.20	5,875.21		
	avg. 1993	4.56	4.80 2.19	9.36 10.18	5.10 7.84	14.46	5.05 5.41	19.51 23.43	4.77	24.27	5.41	29.68 37.69	6.52 5.80	36.20 43.49	6.01 3.20	42.21 46.69	5.51 3.31	47.73	3.15	50.88 54.34	3.67 2.66	54.55 57.00	4.80	59.35 59.55	4.96	0.2
100	total	459.64	477.52	937.16	512.66	1,449.82	505.08	1,954.90	478.69	2,433.59	542.54	2,976.13	651.64		597.82	4,225.59		4,774.83	316.24	5,091.07		5,457.01	477.75	5,934.76	4.00	0.2
	ava.	4.60	4.78	9.37	5.13	14.50	5.05	19.55	4.79	24.34	5 43	29.76	6.52	36.28	5.98	42.26	5.49	47.75	3.16	50.91	3.66	54.57	4.78		One Hund	a da a d Max

								TA	BLE OF			ORLEANS				F RAIN GAO DATE"	GES IN 1	894								
		JANUARY	FEBF	RUARY	MA	RCH	AF	PRIL	M	AY	JL	JNE	JL	JLY	AUG	GUST	SEPT	EMBER	OCT	OBER	NOVE	EMBER	DEC	EMBER	. <del>–</del> ш	ĸ
YEAR No.	YEAR	AMOUNT	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	AMOUNT	TOTAL TO DATE	ANNUAL MONTHLY AVERAGE	EXCESS OR DEFICIT
	1994	3.22	0.43	3.65	5.14	8.79	1.44	10.23	6.21	16.44	7.88	24.32	9.14	33.46	4.00	37.46	7.00	44.46	3.27	47.73	2.40	50.13	3.75	53.88	4.49	-5.41
101	total	462.86	477.95	940.81	517.80	1,458.61	506.52	1,965.13	484.90	1	550.42		660.78	3,661.23	601.82	4,263.05	556.24		319.51	5,138.80	368.34	5,507.14	481.50	5,988.64		
	avg.	4.58	4.73	9.31	5.13	14.44	5.02	19.46	4.80	24.26	5.45	29.71	6.54	36.25	5.96	42.21	5.51	47.72	3.16	50.88	3.65	54.53	4.77	59.29		
	1995	3.53	4.96	8.49	9.79	18.28	5.17	23.45	20.91	44.36	1.98	46.34	7.67	54.01	2.99	57.00	1.20	58.20	2.05	60.25	2.99	63.24	3.60	66.84	5.57	7.47
102	total	466.39	482.91	949.30	527.59	1,476.89	511.69	1,988.58	505.81	2,494.39	552.40	3,046.79	668.45	3,715.24	604.81	4,320.05	557.44		321.56	5,199.05	371.33	5,570.38	485.10	6,055.48		
	avg.	4.57	4.73	9.31	5.17	14.48	5.02	19.50	4.96	24.45	5.42	29.87	6.55	36.42	5.93	42.35	5.47	47.82	3.15	50.97	3.64	54.61	4.76	59.37		
	1996	3.52	2.55	6.07	4.47	10.54	4.92	15.46	2.41	17.87	5.90	23.77	7.27	31.04	5.82	36.86	3.11	39.97	0.97	40.94	3.42	44.36	4.66	49.02	4.09	-10.25
103	total	469.91	485.46	955.37	532.06	1,487.43	516.61	2,004.04	508.22		558.30	3,070.56	675.72		610.63	4,356.91	560.55		322.53		374.75		489.76	6,104.50		
	avg.	4.56	4.71	9.28	5.17	14.44	5.02	19.46	4.93	24.39	5.42	29.81	6.56	36.37	5.93	42.30	5.44	47.74	3.13	50.87	3.64	54.51	4.75	59.27		
	1997	5.04	3.76	8.80	3.50	12.30	5.43	17.73	5.48	23.21	4.84	28.05	4.30	32.35	1.92	34.27	0.52	34.79	1.21	36.00	7.26	43.26	1.90	45.16	3.76	-13.97
104	total	474.95	489.22	964.17	535.56	1,499.73	522.04	2,021.77	513.70		563.14	3,098.61	680.02	3,778.63	612.55	4,391.18	561.07		323.74	5,275.99	382.01	5,658.00	491.66	6,149.66		$\square$
	avg.	4.57	4.70	9.27	5.15	14.42	5.02	19.44	4.94	24.38	5.41	29.79	6.54	36.33	5.89	42.22	5.39	47.62	3.11	50.73	3.67	54.40	4.73	59.13		
	1998	10.70	5.03	15.73	9.28	25.01	4.12	29.13	0.74	29.87	3.28	33.15	5.02	38.17	7.59	45.76	26.90	72.66	0.99	73.65	3.65	77.30	1.74	79.04	6.59	19.72
105	total	485.65	494.25	979.90	544.84	1,524.74	526.16	2,050.90			566.42		685.04	3,816.80	620.14	4,436.94	587.97		324.73	5,349.64	385.66		493.40	6,228.70		⊢
	avg.	4.63	4.71	9.33 3.51	5.19	14.52	5.01	19.53	4.90	24.43	5.39	29.83	6.52	36.35	5.91	42.26	5.60	47.86	3.09	50.95	3.67	54.62	4.70	59.32	0.40	10.10
400	1999	3.06	0.45		4.18	7.69	0.03	7.72	4.86	12.58	10.37	22.95	2.84	25.79	3.97	29.76	4.00	33.76	4.07	37.83	0.16	37.99	2.76	40.75	3.40	-18.40
106	total	488.71	494.70	983.41	549.02	1,532.43	526.19	2,058.62			576.79		687.88	3,842.59	624.11	4,466.70	591.97		328.80		385.82		496.16	6,269.45		$ \parallel $
	avg. 2000	4.61 2.60	4.67 0.86	9.28 3.46	5.18 1.75	14.46 5.21	4.96	19.42 6.57	4.90	24.32 6.94	5.44 6.69	29.76 13.63	6.49 1.71	36.25 15.34	5.89 3.27	42.14 18.61	5.58 6.39	47.72 25.00	3.10 2.53	50.83 27.53	3.64 13.43	54.47 40.96	4.68	59.15 44.23	0.00	-14.78
107		491.31	495.56	986.87	550.77	1.537.64	527.55	2.065.19			583.48		689.59	3.857.93	627.38	4.485.31	598.36		2.53		399.25	5.814.25	499.43	6.313.68	3.09	-14.70
107	total	491.31	495.56	986.87	550.77	1,537.64	4.93	2,065.19	4.86	2,584.86	583.48	3,168.34	6.44	3,857.93	5.86	4,485.31	598.36	5,083.67	331.33	5,415.00	399.25	5,814.25	499.43	59.01		⊢ – –
	avg. 2001	4.59	4.63	9.22	11.44	14.37	4.93	19.30	2.02	24.16	5.45 19.08	37.13	7.47	44.60	7.04	41.92 51.64	5.62	57.26	4.35	61.61	3.29	54.34 64.90	3.02	67.92	5.66	8.83
108	total	494.33	496.60	990.93	562.21	1.553.14	528.08	2.081.22	521.69		602.56		697.06	3,902.53	634.42	4,536.95	603.98		335.68	5.476.61	402.54		502.45	6.381.60	5.00	0.03
100	avg.	4.58	4.60	9.18	5.21	14.38	4.89	19.27	4.83	2,002.31	5.58	29.68	6.45	36.13	5.87	42.01	5.59	47.60	3.11	50.71	3.73	54.44	4.65	59.09		$\vdash$
	2002	3.97	2.23	6.20	4.77	14.38	3.50	14.47	2.27	16.74	5.49	29.00	5.83	28.06	5.63	33.69	22.42	56.11	9.78	65.89	3.99	69.88	4.03	74.86	6.24	15.63
109	total	498.30	498.83	997.13	566.98	1.564.11	531.58	2.095.69	523.96		608.05		702.89	3.930.59	640.05	4.570.64	626.40		345.46		406.53	5.949.03	507.43	6.456.46	0.24	13.03
103	avg.	498.30	498.83	9.15	5.20	14.35	4.88	19.23	4.81	2,019.03	5.58	29.61	6.45	3,930.39	5.87	41.93	5.75	47.68	345.40	50.85	3.73	54.58	4.66	59.23		<b>⊢</b>
	2003	0.12	6.08	6.20	4.65	10.85	5.39	16.24	2.32	18.56	17.79	36.35	9.17	45.52	3.53	49.05	2.50	51.55	3.24	54.79	5.01	59.80	2.11	61.91	5.16	2.65
110	total	498.42	504.91	1.003.33	571.63	1.574.96	536.97	2.111.93	526.28		625.84	3.264.05	712.06	3.976.11	643.58	4.619.69	628.90		348.70		411.54	6.008.83	509.54	6.518.37	5.10	2.05
	avg.	4.53	4.59	9.12	5.20	14.32	4.88	19.20	4.78	23.98	5.69	29.67	6.47	36.15	5.85	42.00	5.72	47.71	3.17	50.88	3.74	54.63	4.63		One Hund	red Ten Y
	2004	3.34	8.10	11.44	0.99	12.43	8.30	20.73	7.38	28.11	10.31	38.42	4.78	43.20	4.18	47.38	1.07	48.45	5.55	54.00	6.08	60.08	2.76	62.84	5.24	
111	total	501.76		1.014.77	572.62	1.587.39	545.27	2.132.66	533.66		636.15		716.84	4.019.31	647.76	4.667.07	629.97		354.25	5.651.29	417.62	6.068.91	512.30	6.581.21	0.24	0.00
	avg.	4.52	4.62	9.14	5.16	14.30	4.91	19.21	4.81	2,000.02	5.73	29.75	6.46	36.21	5.84	42.05	5.68	47.72	3.19	50.91	3.76	54.67	4.62	59.29		

#### COST OF OPERATIONS IDENTIFICATION PROGRAM BENCHMARKING 2004

ADMINISTRATIVE SERVICES DEPARTMENT Insurance Cost per Employee: Workers' Compensation	\$ 1,902.00
Auto Liability General Liability	\$ 537.00 \$ 102.00
ENGINEERING DEPARTMENT Cost to Design a Project	5.8%
ENVIRONMENTAL DEPARTMENT Cost of Typical Industry	
Sampling Event	\$ 346.17
FACILITY MAINTENANCE DEPARTMENT Cost to set 5/8" water meter	\$ 62.31
MANAGEMENT SERVICES DEPARTMENT	
FINANCE:	
Cost to Process a Miscellaneous Invoice	\$ 7.94
Cost to process a Vendor Invoice	\$ 6.76
Cost to process a Paycheck	\$ 4.39
INFORMATION SYSTEMS:	
Cost to Image a Document	\$ 0.38
Cost to Retrieve a Document	
From the Imaging System	\$ 3.03
Cost to Retrieve a Document	
From the Microfiche Files/Storage	\$ 23.85
PERSONNEL:	
Cost to Hire an Employee	\$ 510.83
Cost to complete a Voluntary	
Employee Termination	\$ 15.73
Employee Turnover Rate	13%
Cost to Train an Employee:	\$ 311.81
PURCHASING: Cost to Process a Sundry Purchase Order	\$ 22.75
REVENUE: Cost to Read a Meter	\$ 0.46
Cost to Read a Meter	\$ 0.40
(Less Meter Reading)	\$ 0.55
Cost to Manage a Customer by Phone	\$ 0.55 \$ 2.15
Cost to Manage a Customer by Mail	\$ 3.36
Cost to Manage a Walk-in Customer	\$ 8.71
Cost to Process a Mail-in Payment	\$ 0.33
Cost to Process a Walk-in Payment	\$ 1.13
SUPPORT SERVICES DEPARTMENT	
Average Annual Maintenance Cost	
per Piece of Equipment	\$ 914.98
Average Percent of Fleet Down for 2004	20%