



Norris Water Commission

Monday, July 15, 2024, 6:00 P.M.

- I. Call to Order
- II. Approve the Agenda
- III. Hear the Public
- IV. Minutes
 - M-1: Consideration of Approving June 17, 2024 Regular Meeting Minutes
- V. New Business
 - N-1: Training Review
 - N-2: Unmetered Water Options
- VI. Continuing Business
 - O-1: Update on the Status of the Benny Carden Memorials
 - O-2: Update on Activities at the Water Treatment Plant
 - O-3: Update on Activities at the Wastewater Treatment Plant
 - O-4: Update on the Water Distribution System
 - O-5: Update on the Sanitary Sewer Collection System
 - O-6: Update on Cross Connection Management System
 - O-7: Update on the Galvanized Pipe Project
 - O-8: Update on the Wastewater Regionalization Study
 - O-9: Update on the Alternative Water Supply Study
- VII. Reports
 - R-1: Superintendent June Report
 - R-2: June Financial Report
 - R-3: June Unaccounted-for Water Report
- VIII. Adjournment



NORRIS WATER COMMISSION MEETING MINUTES
June 17, 2024

Members Present: Loretta Painter, Will Grinder, Bill Grieve, Mayor Chris Mitchell and Chuck Nicholson

Absent:

Water Superintendent: Tony Wilkerson

- I. **Call to Order:** The meeting was called to order by Chuck Nicholson at 6:00 pm.
- II. **Approval of the Agenda** – No action was taken at this time.
- III. **Hear the Public** – No public input.
- IV. **Minutes**
 1. **May 20, 2024 NWC Minutes**

A motion was made by Chuck Nicholson and seconded by Will Grinder **to approve the May 20, 2024 meeting minutes with minor modifications.**
The proposal passing on a vote of 4 to 0 as follows:
Yes: Loretta Painter, Bill Grieve, Chuck Nicholson, Will Grinder
Absent: Mayor Chris Mitchell
- V. **New Business**
 1. **Norris Day**

Superintendent Wilkerson provided details for the booth.
 2. **TDEC Annual Cap Letter**

Adam Ledford requested the board approve the annual report letter on the CAP plan.

A motion was made by Loretta Painter and seconded by Will Grinder **to accept and approve the annual report letter to TDEC related to the CAP plan.**
The proposal passing on a vote of 4 to 0 as follows:
Yes: Loretta Painter, Bill Grieve, Chuck Nicholson, Will Grinder
Absent: Mayor Chris Mitchell
- VI. **Old Business**
 1. **Benny Carden Memorial**

Superintendent Wilkerson presented photos of the plaque which was received since the last meeting.
 2. **Activities at the Water Treatment Plant**

Superintendent Wilkerson reported the telemetry is still being tested. He reported the new chart reporter is on order. An older model is being used until a new reporter can be acquired. The clear well is due for cleaning, Tony reported he is working on pricing for deferent methods and pricing to complete the activity. Inspection and work inside of the tanks are scheduled for next calendar year.

Mayor Chris Mitchell arrived.

3. **Activities at the Wastewater Treatment Plant**
Superintendent Wilkerson has been pricing out new labs for testing.
4. **Water Distribution**
Superintendent Wilkerson updated on recent leaks at Dairy Pond, tree removal, installation of the new system at Oak Road Park, and a new fire hydrant.
5. **Sanitary Sewer Collection System**
Superintendent Wilkerson reported on work at Reservoir Road.
6. **Cross Connection Management System**
Superintendent Wilkerson had no new report.
7. **Galvanized Pipe Project**
Superintendent Wilkerson reported work continues the survey required as part of the deadline later this year.
8. **Wastewater Regionalization Study**
Representatives from Cannon and Cannon offered an update on the activities going on since the last meeting. Most of the actions related to flow testing.

Mayor Mitchell led a discussion on the vision and scope of the study being developed.
9. **Alternative Water Supply Study**
Adam Ledford provided an overview of the history of the issue and explained why the project is current on hold.

Superintendent Wilkerson reported that the current source was being monitored, but not at risk for needs.

VII. Reports

1. **Superintendent Report:** Superintendent Wilkerson provided details on the visit of EPA and TDEC coming in the month of July. He further notified the Commission he would be reported an update of the Source Water Program to TDEC before the next meeting.
2. **April Financial/Budget Report:** No additional discussion held.
3. **April Unaccounted-for Water Report:** No additional discussion held.
4. **Engineers:** Loretta Painter questioned when the INI bids would be ready for City action. A representative from Cannon and Cannon reported that the packets should be available no later than August.

VIII. **Adjournment: 7:03 p.m.,** Motion by Bill Grieve and seconded by Will Grinder to adjourn, All: AYE

2024

Name	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Total
Chris Mitchell	2.0		0.5										2.5
Loretta Painter	2.0		0.5										2.5
Will Grinder	3.0		0.5										3.5
Bill Grieve	2.0		0.5										2.5
Chuck Nicholson	2.0		0.5										2.5

PC 118 - Municipal Utility Board Member

Training

- 1) 12 Hours within the first year of appointment
- 2) 12 Hours every three years with the education period beginning at Jan. 1 of each year

January

Utility Board Updates	Will	1.0
Strtegic Planning	Bill	2.0
	Will	2.0
	Chris	2.0
	Loretta	2.0
	Chuck	2.0

March

TBOUR Training	Bill	0.5
	Will	0.5
	Chris	0.5
	Loretta	0.5
	Chuck	0.5

Detailed Approach

- **15.24.010 - Private fire protection—Authority of department.**

The department shall have authority to render a special service to private property for private fire protection purposes.

- **15.24.020 - Automatic sprinkler systems—Connections to water supply.**

All persons who may desire to install automatic sprinkler systems for fire protection and to put in connections to the water mains of the metropolitan government for supplying water for fire protection through such automatic sprinkler systems shall be permitted to have such connections. All persons who have, at any time heretofore, installed automatic sprinkler systems for fire protection and have put in connections to the water mains of the metropolitan government for supplying water for fire protection through such automatic sprinkler systems shall be permitted to maintain such connections, subject to the provisions of this chapter.

- **15.24.030 - Size of connections—Discretion of director.**

Connections shall not be larger than six inches in diameter of connecting pipe; provided, that buildings of small size or having a ground floor area of four thousand square feet or less may, at the discretion of the director, be limited to a connection of four inches in diameter; provided further, that exceptionally large buildings, situated in isolated locations, may have connections as large as eight inches in diameter, at the discretion of the director.

- **15.24.040 - Meters—Required when.**

A meter of the same size as the tap shall be installed in all cases where the connection made is used or is to be used for any purpose whatsoever, except for testing and except for extinguishment of fires; provided, however, that tanks connected to the automatic sprinkler system may be filled through the connection if and when the tank-filling pipe or bypass is provided with a meter approved by the director. Meters to measure water for tank-filling purposes shall be of the same size as the filling pipe or bypass; provided, that in large plants having complicated yard main system with private fire hydrants, meters may be required, at the discretion of the director; provided further, that in automatic sprinkler equipment not supplied with an alarm attachment, located in the base of each sprinkler riser, designed to ring a fire alarm gong inside or outside of the premises, a meter of the same size as the connection may be required, at the discretion of the director.

- **15.24.050 - Unmetered connections—Permit required.**

No unmetered connection for an automatic sprinkler system shall be made with any mains of the metropolitan government until a permit shall have been obtained from the department. Any such connection shall be made only by persons authorized by law and under the supervision of the director.

- **15.24.060 - Unmetered connections—Bond required—Sworn statement of water use.**

Any person granted a permit to make an unmetered connection for an automatic sprinkler system shall, with the filing of the bond required by this division and each renewal thereof, file a written statement, signed and sworn to, that the water supply has not been, and will not be, used for any other purpose than fire protection, and that there has not been, and will not be, made any attachment to any of the pipes connected with the automatic sprinkler system by which water could be diverted therefrom. Such written, signed and sworn statement shall also give the number of sprinkler heads on the entire system, and shall describe leaks, if any have occurred, and the length of time before the same were repaired.

- **15.24.070 - Unmetered connections—Failure to file bond or statement—Discontinuance of service.**

On failure to execute any renewal bond or to file with any renewal bond the written, signed and sworn statement required by [Section 15.24.060](#), the department shall have the right to cause the connection to the automatic sprinkler system to be shut off at once.

- **15.24.080 - Unmetered connections—Inspections.**

A.The director shall have authority to make, or cause to be made, frequent inspections of all unmetered connections supplying water to automatic sprinkler systems and of all piping connected therewith. The director shall have the right to go upon the premises wherever and whenever any unmetered connections shall have been made, for the purpose of such inspection, and any employee of the metropolitan government working under his direction shall have such right.

B.It is unlawful for any property holder or owner or occupant of premises where any such unmetered connections shall have been made to refuse to permit such inspection by the director or his agent or to obstruct the director or his agent in the making of such inspection.

- **15.24.090 - Bond requirements.**

All persons desiring to install automatic sprinkler systems for fire protection and to put in unmetered connections to the water mains of the metropolitan government for supplying water for fire protection through such automatic sprinkler systems shall, before making such connections, make application for a permit to the department and file with the department a bond, with some bonding or surety company authorized to transact business in the state as surety thereon, or a personal bond with two or more solvent sureties, to the metropolitan government, in the sum of one thousand dollars, to be approved by the metropolitan attorney, and conditioned to pay any fines that may be imposed for failure to comply with, or for violation of, any of the provisions of this chapter, and to pay for any water lost by leakage and any water consumed for any purpose other than fire protection. Such bond shall be for two years and shall be renewed for a like period at each expiration. The bond may at any time, at the discretion of the director, be declared forfeited for any willful or intentional diversion of water to any purpose other than fire protection.

- **15.24.100 - Application—Approval by board of underwriters.**

The application to the department for private fire protection shall be upon a form to be furnished by the director of the department and shall be countersigned by an authorized officer or agent of the board of underwriters that this size connection is required.

- **15.24.110 - Application—Drawings of fire protection system.**

The applicant for private fire protection service shall furnish the department with the application for such service, a complete and correct drawing, or set of drawings, showing the location of the premises to be supplied, together with the location of all valves, pipes, hydrants, tanks, sprinkler heads and other appurtenances on the premises to be supplied. Such plans shall remain the property of the department. The applicant shall also furnish the department with drawings showing revisions to piping or appurtenances whenever same are made.

Notwithstanding any other provision of the Metropolitan Code of Laws, the department shall bill and collect from any customer with a private fire protection service connection a monthly readiness-to-serve charge. The charge shall reflect the department's actual costs incurred in providing such service. A written statement of the charge as determined by the department shall be filed with the metropolitan clerk, furnished to each member of the metropolitan council and made available on request to any citizen of Davidson County. The charge may be increased or decreased from time to time upon written notice to the metropolitan clerk and each member of the metropolitan council to reflect changes in the department's actual costs of providing the service contemplated herein.

Simple Approach

Special fire protection rates:

(1)*Fire sprinkler rate.* The minimum charge for fire protection only shall be \$100.00 per year for each meter or connection when not exceeding 600 sprinkler heads, plus \$.10 per annum per sprinkler head for all sprinkler heads in excess of 600 sprinkler heads.

(2)*Private fire hydrant rate.* The minimum charge for standard fire hydrants on private property shall be \$130.00 per year per hydrant.

(3)*Private fire hose connection.* The minimum charge for private fire hose connection shall be \$48.00 per connection.

The minimum annual charge under the rates shall be billed and payable in equal monthly installments. Rates for consumers subject to the rates set out above outside the corporate limits shall be one and one-half times the applicable rate.

VI. Continuing OLD Business:

0-1: Benny Carden Memorial: Supt. Wilkerson reports the plaque has been received and a frame is being built and donated for installation, then it can be placed in the Norris Community Building.

0-2: WTP-Telemetry/Tank Project: Supt. Wilkerson reports went back to wireless 7/9/2024 Also see #6-Supt Report

0-3: WWTP: Update on the following Directors Order/ City Council Update, CCI up-date-Open for Discussion

SEWER Rehab Projects:

Short Term STP Upgrades: (July 2024)

Letter of REQUEST to TDEC requesting of delaying SHORT-TERM Improvements was APPROVED by Michael Landcaster, TDEC as long as effluent results are in compliance.

Also see #5 Supt Report pertaining to WWTP

0-4: Distribution System: See #7 in Supt Report

0-5: Collection System:

- Customer identified sites-Completed by customers- Response: _18_Qty-continuing to communicate with customers
- NWC is reviewing Public Identified issues/NWC side
- On-going

0-6: Cross Connection: (RPBP) working progress for next several months by Operators Xan Ridenour and Cameron Scott

0-7: Galvanized Pipe replacement/Eliminate Projects

- **NWC IS -IN PROGRESS**, Final inventory is required to be developed and submitted to TDEC no later than Oct. 16, 2024
- **LSLI GRANT APPLICATION: \$250,000**-Received
- **July-August-Sept** the NWC staff will aggressively be identifying on site in residents yards/meter boxes and communicating with residents

0-8: Wastewater Regionalization Study-(Grant awarded notification \$ 3.3 M with a match of \$177,000) Open for discussion

0-9: Alt. Water Supply: Open for discussion

0-10: Vehicle: Supt Wilkerson is in process of reviewing options of a ¾ ton or 1 ton vehicle to replace the 2005 Chev 4x4 , continued. No new Update.

VII. REPORTS

To: Norris Water Commission Board

From: Tony Wilkerson, Waterworks Superintendent

Date: July 15, 2024

RE: **R-1-Superintendent Report**

R-1a.

1. **Water Pumped MG/Sold/% loss**—See attached
Sold to ACWA: Alley 609,700/Alley Rd 441,400/Reservoir Road 1,345,000 – - - each location
2. **Water Budget**-see financial report see attached in packet
3. **Rainfall June 2.78"@Water Treatment Plant "- 28.78 inches YTD Source ok presently**
4. **Operations Building/Equipment Shed.** -Clean
5. **. WWTP-Non-Compliance- NO VIOLATIONS in month of June**
 - a. Dailey Inspections (84 points to inspect) and Operations
 - i. Recorded Dailey on Log Book and Computer
 - ii. Dailey Testing performed
 - iii. Monthly Reports-NWC Emor/DMR/NDSP Report(3 reports-16 hrs)
 - b. **WWTP-Training-** June 2024 Xan Ridenour in training at STP-Performing Very Well!!
 - c. **Press Sludge-7 times this month.**
 - i. **Low air pressure-regulator-REPLACED-with NEW ONE**
 - d. **Supernatant- 2 times**
 - e. **Pumped Aeration to Digester-5 times mth**
 - Tons of sludge hauled- 6.12 (tons)
 - **Rain:- 2.10" inches of rainfall recorded at Wastewater Treatment Plant**
 - Ferm Zone-Dailey mixing/logging
 - Fill PT-190 /Bleach Barrel (chemical barrels-TP and filamentous protection)
 - Ground Maintenance-2 mth
 - **EPA Nutrient Removal Case Study Project-Norris, TN-**Doug Snelson, Senior Operator and Tony Wilkerson, Supt attended a slide presentation with EPA administrators and Grant Weaver and discussed Norris STP Operation and HOW Norris Operators reduced TN/TP and the delisting of Buffalo Creek. Future Meeting with EPA is scheduled for an on-site visit to Norris in **JULY 15-16th 2024.**
 - **TDEC-Compliance Inspection-Scheduled for July 17,2024**
 - **NDSP-STP-Staff is starting QA/QC Study 44-for TDEC-**additional time required at our Lab and NDSP will be charged professional services out side of contract. NDSP Park Manager understands the additional charge required.
 - **Blower Motor-removed for repairs/or new one**

6. WTP-Water Plant:

- a. -Reports-Monthly-to TDEC completed (5 monthly-16 hrs)
- b. -Dailey Inspections conducted (7 days a week) morning-evening inspection (52 points of inspection each time entered the plant) (Sometimes up to 3 times of inspections daily)
- c. Dailey Testing conducted morning /evening
 - i. Record Dailey on Log Book and Computer
- d. – Samples- Bacteriological ,Lagoon and quarterly Samples collected
- e. -Backwashed Filters- 2 times this month-Requires 6 hours each BW. (coating)
 - i. -Adam Roberson-is training in the operations of the WTP/Distribution System-Performing Well.
- f. Ground Maintenance- 2 day this month and Reservoir Hill and Spring
- g. Telemetry -working thru the issues-back to hard wired-**BACK TO WIRELESS-7-9-2024**
- h. Chart Recorder-Received and Tekwell is working on calibrating the Flow Chart Recorder-should be installed in a few weeks.
- i. **Alarms: WTP-**
- j. **Wellhead Source Water Protection-Update-submitted to TDEC**

7. Distribution System:

- a. -Read Meters/Rereads-4 day
- b.-Bact Samples-Collected 2-regular
- c.-Spring – checked 3 times this month
- d. -Service Calls- for the month of June 2024 ____Qty
- e. Water Valves Inspection-XR/AR-identifying and inspecting (Starting)
- f. 123 Pine Road-TVA—water leak repair-
- g. 21 Laurel Place-Installed NEW water tap
- h. Oak Road Pool-COMPLETED-Concrete work
- i. Meter Pits: ACWA (Reservoir Road, Alley Rd x2), TVA and NDSP-READ DAILY
- j. Fire Hydrant Maintenance-Completed
- k. Oak Road Pool Line-Installed /Completed NEW water line and RPBP-concreted section
- l. SPRING: checked several times-OK
- m. SERVICE CALLS-total 90
 - Check Meter for leak on customer: 4
 - Check Pressure: 2
 - Meter Change Out: 4
 - Install meter: 4
 - Read/leave On: 20
 - TN811 :40

R-1c.

8. Flushing Program: NWC Team flushed -Orchard Road, Oak Road-Pine Road -West Circle and 2 on Dairy Pond Road

9. Sewer Collection System:

- Sewer stoppages- Supt has a copy and will provide upon request
- 67 Reservoir Road-Sewer Line Install/replaced 4" Orangeburg with 4" PVC Pipe
- 145 West Norris Road-repaired Manhole/asphalted around it

10. Training/Health & Safety

Safety Barrels-repaired for weights on bottom

11. Equipment: service trucks-check weekly

2015-checked-ok

2021 -GMC-checked -ok

2009- F150-checked-ok

1995 Dump truck-check weekly

Issue-slave cylinder-have to have it checked-keeping fluid topped off-pending

Backhoe-OK

Sewer machine-check weekly

E48 Bobcat-Track hoe: OK

NORRIS WATER COMMISSION Unaccounted for Water Report July2023-June 2024

MONTH	WATER PUMPED	WATER SOLD/ METERED	METERED FOR	FIRE DEPT. USAGE	FLUSHING	Tank Clean/Fill	Water BILL ADJ.	Water LOST	% LOST	# Cust.
			CONSUMPTION NOT SOLD							
July	8,067,000	6,329,600	653,400	5,000	580,000		31,600	472,400	5.86%	798
August	8,644,000	7,391,800	714,200		505,000		8,900	24,100	0.28%	798
Sept.	7,382,000	6,372,700	576,400		425,000			7,900	0.11%	798
Oct.	7,545,000	6,435,400	775,600		290,000			44,000	0.58%	
Nov.	7,164,000	6,000,600	517,800		155,000			490,600	6.85%	
Dec.	7,645,000	5,355,600	593,000		1,010,000			686,400	8.98%	
Jan.	7,798,000	6,165,500	550,700		380,000			701,800	9.00%	
Feb.	6,570,000	5,304,200	560,200		355,000			350,600	5.34%	
March	7,203,000	5,714,500	646,600		255,000			586,900	8.15%	
April	7,041,000	5,616,800	606,100		150,000			668,100	9.49%	
May	7,426,000	6,014,600	666,800		230,000			514,600	6.93%	
June	7,740,000	6,750,900	683,000		225,000			81,100	1.05%	
Total	90,225,000	73,452,200	7,543,800	5,000	4,560,000	0	8,900	4,628,500		

ESTIMATE ONLY

A	B	C	D	E	F	G	H	I	J
June	2024								
	West Norris Road-Valve								
	West Circle-Valve			35,000					
	Fire Hydrant/Deadend Flushing								
	116 Orchard-21 Laurel Place-Oak Rd			125,000					
	TVA-			65,000					

Tony Wilkerson
Superintendent

NWC Meeting Packet
July 15, 2024

Water Works Fund Balance Report

	2023-24 Budget	2023-24 Jul Actual	2023-24 Aug Actual	2023-24 Sep Actual	2023-24 Oct Actual	2023-24 Nov Actual	2023-24 Dec Actual	2023-24 Jan Actual	2023-24 Feb Actual	2023-24 Mar Actual	2023-24 April Actual	2023-24 May Actual	2023-24 Actual	
Revenues														
Water Billing	\$ 529,000	\$ 47,818	\$ 47,769	\$ 50,094	\$ 48,348	\$ 48,391	\$ 44,906	\$ 44,905	\$ 47,256	\$ 47,256	\$ 44,033	\$ 45,044	\$ 561,747	106.2%
Sewer Billing	\$ 510,700	\$ 42,896	\$ 42,896	\$ 47,428	\$ 43,532	\$ 43,714	\$ 43,180	\$ 43,179	\$ 43,779	\$ 43,778	\$ 43,734	\$ 44,357	\$ 528,371	103.5%
Water Works Charges	\$ 886,643	\$ 5,558	\$ 744	\$ 1,926	\$ 6,823	\$ 4,755	\$ 3,000	\$ 8,064	\$ 5,781	\$ 4,553	\$ 5,122	\$ 5,617	\$ 67,875	7.7%
Interest Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Revenues	\$ 1,926,343	\$ 96,272	\$ 91,409	\$ 99,448	\$ 98,703	\$ 96,860	\$ 91,086	\$ 96,148	\$ 96,816	\$ 95,587	\$ 92,889	\$ 95,018	\$ 1,157,993	60.1%
Expenses														
Admin & General	\$ 352,645	\$ 24,468	\$ 24,948	\$ 26,691	\$ 61,765	\$ 23,415	\$ 20,229	\$ 32,036	\$ 24,074	\$ 25,581	\$ 41,059	\$ 20,347	\$ 359,779	102.0%
Customer Billing	\$ 23,000	\$ 14,765	\$ 2,383	\$ -	\$ -	\$ 1,821	\$ 2,116	\$ 76	\$ -	\$ 136	\$ 2,928	\$ 2,553	\$ 26,778	116.4%
Wastewater Treatment & Dispo	\$ 228,928	\$ 18,587	\$ 31,386	\$ 28,540	\$ 19,620	\$ 14,941	\$ 20,882	\$ 21,926	\$ 14,863	\$ 17,443	\$ 18,011	\$ 14,522	\$ 240,638	105.1%
Wastewater Collection	\$ 886,962	\$ 1,001	\$ 22,999	\$ 4,423	\$ 7,479	\$ 3,502	\$ 22,363	\$ 15,919	\$ 20,520	\$ 34,193	\$ 22,543	\$ 13,241	\$ 173,695	19.6%
Water Transmission & Dist	\$ 184,037	\$ 2,921	\$ 5,379	\$ 12,812	\$ 30,662	\$ 9,409	\$ 12,290	\$ 10,652	\$ 6,882	\$ 6,810	\$ 26,971	\$ 8,262	\$ 143,469	78.0%
Water Purification	\$ 302,532	\$ 17,325	\$ 25,516	\$ 13,526	\$ 13,356	\$ 23,397	\$ 21,810	\$ 18,826	\$ 16,269	\$ 15,818	\$ 13,341	\$ 14,437	\$ 204,834	67.7%
Total Expenses	\$ 1,978,104	\$ 79,067	\$ 112,611	\$ 85,992	\$ 132,882	\$ 76,485	\$ 99,690	\$ 99,435	\$ 82,608	\$ 99,981	\$ 124,853	\$ 73,362	\$ 1,149,193	58.1%
Balance	\$ (51,761)	\$ 17,205	\$ (21,202)	\$ 13,456	\$ (34,179)	\$ 20,375	\$ (8,604)	\$ (3,287)	\$ 14,208	\$ (4,394)	\$ (31,964)	\$ 21,656	\$ 8,800	
Depreciation	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Available Flow	\$ (151,761)	\$ 17,205	\$ (21,202)	\$ 13,456	\$ (34,179)	\$ 20,375	\$ (8,604)	\$ (3,287)	\$ 14,208	\$ (4,394)	\$ (31,964)	\$ 21,656	\$ 8,800	
Beginning Fund Balance	\$ 1,207,990	\$ 1,207,990	\$ 1,225,195	\$ 1,203,993	\$ 1,217,449	\$ 1,183,270	\$ 1,203,645	\$ 1,195,041	\$ 1,191,754	\$ 1,205,962	\$ 1,201,568	\$ 1,169,604	\$ 1,207,990	
Ending Fund Balance	\$ 1,056,229	\$ 1,225,195	\$ 1,203,993	\$ 1,217,449	\$ 1,183,270	\$ 1,203,645	\$ 1,195,041	\$ 1,191,754	\$ 1,205,962	\$ 1,201,568	\$ 1,169,604	\$ 1,191,260	\$ 1,216,790	
Capital Outlays	\$ 1,028,140	\$ 625	\$ 23,635	\$ 9,511	\$ 16,706	\$ 9,250	\$ 11,676	\$ 10,218	\$ 15,548	\$ 31,021	\$ 34,455	\$ 11,418	\$ 176,636	17.2%