#### NORTH RIDGEVILLE CITY COUNCIL UTILITIES COMMITTEE MEETING MINUTES COUNCIL CHAMBERS – 6:15 p.m. MONDAY, AUGUST 6, 2018

#### To Order:

Chairman Dennis Boose called the Utilities Committee meeting to order at 6:15 p.m.

#### **Attendance:**

Members present: Councilman Dennis Boose and Councilman Martin DeVries.

Councilman Gregg Westover was excused.

Also present: Scott Belz and Justine Rose with AECOM, Mayor David Gillock, City Council President Kevin Corcoran, Councilwoman Michelle Hung, Assistant Clerk of Council Tara L. Peet, French Creek Wastewater Treatment Plant Superintendent Corey Timko, Councilman Bob Chapek, Auditor Jeff Wilcheck, Safety-Service Director Jeff Armbruster and Clerk of Council Nancy Linden.

#### **Minutes:**

Chairman Boose asked for any additions or corrections to the minutes of June 1, 2015. No discussion was offered. The minutes stand approved as submitted.

#### Discussion regarding French Creek Wholesale Rates:

Scott Belz, Project Manager with AECOM introduced himself. He stated what was before the Committee was the second or third update. They had several meetings with the Administration. He turned the meeting over to Justine Rose for presentation.

Ms. Rose presented a PowerPoint presentation to the Committee which is **attached hereto**. Ms. Rose stated the goal was to sustain line items 670 & 680. They wanted to be able to fund the debt fund and have reserves for capital projects that were anticipated. AECOM used previous studies and reports and information from the Auditor to arrive at their projections. They looked at the debt service schedule and proposed future projects. AECOM expected higher projected O&M costs. She projected a high level of capital investment from 2018-2022.

Fund 670 is the operating fund - all consumption revenue is placed in this fund. Fund 675 is the debt service fund. This fund holds debt service payments and debt service coverage. Fund 680 is the repair and improvement fund. All connection charges and bond proceeds are placed in this fund.

Ms. Rose stated the goal for Fund 670 is to maintain a three month reserve for operations and maintenance. The goal for Fund 675 is to maintain a reserve for the debt service payments for the following year. The goal for Fund 680 is to maintain \$2 million for CIP projects.

Ms. Rose presented the assumptions for the three funds. The assumptions for Fund 670 for user charges and surcharges, other fees and charges and other revenues are projected to escalate at two percent per year. The interest income was calculated looking back at last year and projected at 1.5%. The assumptions for Fund 670 were for wages and salaries to increase at two percent per year and benefits at two percent per year. The supplies, equipment, utilities and IT costs at are projected to increase at two percent per year. Ms. Rose stated North Ridgeville administrative expenses were increased to \$250,000 per year.

Ms. Rose presented the assumptions for Fund 675. She stated the excess from Fund 670 is dropped into this fund. The interest rate of one percent was projected. The funds in excess of the debt service reserve are placed in Fund 680. Future debt service payments are estimated from the Ohio Water Development Authority calculator, based upon a twenty year term and a four percent interest rate.

Ms. Rose presented the assumptions for Fund 680. They projected a two percent annual increase for new connections. They also projected escalating an annual increase of 2.5% for connection charges. Ms. Rose anticipated the balance of Fund 680 will grow. The goal is to have a reserve of \$1.5 million to \$2 million. Ms. Rose stated she didn't anticipate any future BANS, but she does anticipate a few bonds being retired and future bonds anticipated in 2018/2019 for capital improvement.

Ms. Rose highlighted the PowerPoint slides that discussed the upcoming planned projects for the next five years.

Ms. Rose presented a few alternative scenarios in the PowerPoint presentation but concluded the best path to take would be for a small rate increase and the issuance of a \$4 million bond to achieve the goals communicated.

Mr. Rose asked for any questions from the Committee.

Chairman Boose stated the spreadsheets and assumptions he was looking at did not match the numbers Ms. Rose was presenting.

Safety-Service Director Armbruster stated what he provided to Ms. Peet was a bit dated and what Ms. Rose was presenting was updated since that version.

Chairman Boose asked about the increase in the operating costs.

Ms. Rose stated she predicted operating costs to be about \$250,000 above the average from the previous five years. It would then increase two percent per year. She noted that French Creek had not had a rate increase since 2009.

Chairman Boose stated he agreed with a small increase and borrowing as the best way to go. He stated he had a few general questions. He asked about the revenue assumptions for Fund 670. He asked if his understanding was correct that the Fund projection was

arrived at by averaging the previous five years escalating at two percent per year. Ms. Rose stated his understanding was correct.

Chairman Boose asked if the interest income assumption was 1.5%. Ms. Rose stated that was correct.

Chairman Boose asked in regard to the other fees, charges and rental fees paid by Quasar, was the number the total compensation the City received each year. Mayor Gillock stated they receive a break in electricity and they pay the City for any energy they consume.

Chairman Boose asked if the separation pay assumption being at \$75,000 in Fund 670 was correct. Ms. Rose stated that did change. Auditor Wilcheck stated the projections are based on who they estimated will retire each year. It was anticipated there would be at least one retirement per year for the next three years. Ms. Rose stated on the updated spreadsheet there was a line for separation and the cost is what they anticipated.

Chairman Boose stated in the employee benefits assumption, there was a one-time escalation of ten percent and asked if that projection changed. Ms. Rose stated it did change.

Chairman Boose asked why the last five years weren't looked at under tools and supplies rather than just 2017. Ms. Rose stated that was a new reallocation of cost and last year was the only look back available.

Chairman Boose asked how the projection was arrived at for professional legal services. Superintendent Timko stated that has been the past number they have always used. He added some years they use more money than others.

Chairman Boose asked why professional services didn't have projected increased costs. Ms. Rose stated it was reallocated to a different area.

Ms. Rose stated the administrative cost line was projected at \$329,000. Auditor Wilcheck stated the administrative costs have not been reimbursed since 2009. He projected a large increase in 2018 but then stated it should taper off.

Chairman Boose asked why in Fund 680 the assumption for connection charges was listed at two percent. Ms. Rose stated it was an increase of two percent for inflation and then 2.5% for new homes being connected.

Chairman Boose asked for any questions from Administration. Mayor Gillock thought AECOM did a great job.

Chairman Boose asked the Administration where things go from this Committee. Mayor Gillock stated a conversation will need to be had with the other communities. Then legislation will need drafted and brought before Council.

**Assistant Clerk of Council** 

President Corcoran asked about the interest income for Fund 670 and 680. He wondered why it was 1.5% for Fund 670 and one percent for Fund 680. Ms. Rose stated those numbers came from the Auditor. Auditor Wilcheck stated that it was a miscommunication and they both should be 1.5%. Auditor Wilcheck further added it could be revisited.

Adjournment: Chairman Boose adjourned the meeting at 6:57 p.m.
Date Approved:
Tara L. Peet, MMC

# FCWWTP Rate Study Update North Ridgeville, Ohio



Findings and Recommendations

August 6, 2018



# What Issues are We Trying to Address?

- Sustain Funds 670 And 680 for Adequate
   Operation and Improvement of the FCWWTP
- Properly Fund Current and Proposed CIP
- Identify a Debt Service Strategy to Balance Cash and Debt Funding of CIP
- Provide Sufficient Reserves For Future CIP,
   Debt Service Coverage or Emergencies
- Confirm that Assumptions are Sufficiently Accurate for Good Forecasts



# What Do We Hope To Accomplish Today?

- Present Background Data and Assumptions
- Understand Operating Revenues/Costs and Projections
- Confirm CIP Needs
- Understand Future Bonding and Debt Service Strategy
- Confirm Reserve Requirements
- Confirm the Most Feasible Alternative
- Respond to Issues or Questions



## **AECOM Utilized Proven Data Sources**

- Previous Studies and Reports
- Auditor's Financial and Budget Reports
- Interviews and Reviews with Auditor and FCWWTP Superintendent
- Debt Service Schedules
- Proposed Capital Improvement Projects



# Recent Changes and Trends

- Sustained Operating Revenue Growth
- Higher Projected O&M Costs
- Updated Maintenance and Administrative Costs
- High Level of Capital Investment 2018 2022
- Pending Debt Issuance and Debt Service
   Coverage



# Uses of Funds 670, 675, and 680

#### 670: Operating Fund

- Repository for all consumption revenues and other fees and charges
- Source of funds for all operating expenses and transfers to Funds 675 and 680
- 675: Debt Service Fund
  - Source of funds for debt service payments and debt service coverage
- 680: Repair and Improvement Fund
  - Repository for connection charges and transfers from Funds 670 and 675
  - Source of funds for the Capital Improvement Program (CIP)
  - Repository for Bond Proceeds

# Goals for Funds 670, 675, and 680

- 670: Operating Fund
  - Maintain a 3-month Operations and Maintenance reserve at the close of each year
- 675: Debt Service Fund
  - Maintain a reserve to cover the debt service payment for the following year
- 680: Repair and Improvement Fund
  - Maintain approximately \$2 million to cover upcoming CIP costs

### Assumptions for Fund 670 Revenues

- Revenues from "User Charges and Surcharges" are projected by averaging the previous 5 years and escalating at 2% per year
- Revenues from "Other fees and Charges" are projected by averaging the previous 5 years and escalating at 2% per year
- Revenues from "Other Revenues" are projected by averaging the previous 5 years and escalating at 2% per year.
- Interest income is calculated by applying an interest rate of 1.5% to the previous year's Operating Fund (Fund 670) using an average of the fund balance from beginning to end of the previous year.



## Assumptions for Fund 670 Expenses

- O&M costs for 2018 have been estimated by line item using data from the Auditor's "Account Trend" Report
- Most costs are projected by averaging over the previous 5 years and escalating at 2% per year
- Wages and Salaries escalate at 2%/ year with one time adjustments for budgeted new hires
- Benefits escalate at 2%/ year after one time adjustment for health care contributions in 2018
- Equipment and Supplies escalate at 2%/ year plus \$10,000 placeholder for potential industrial pretreatment costs
- Contractual Services escalate at 2%/ year, except IT costs (at 5%)
- Utilities are delineated by category and escalate at 2%/ year
- Equipment and Facilities Maintenance are delineated separately and include NR Administrative expenses at \$250,000/ year
- Maintain a 3 month O&M Cost Reserve in Fund 670. Transfer funds beyond the 3 month O&M Reserve into Funds 675 and 680

## Assumptions for Fund 675 Revenues

- Excess funds from Fund 670 will be transferred to Fund 675 to cover debt service payments
- Interest income is calculated by applying an interest rate of 1% to the Fund Balance using an average of the fund balance from beginning to end of the previous year

## Assumptions for Fund 675 Expenses

- A Debt Service Reserve equal to one year's payments will be maintained
- The 2014 bond will be retired in 2021, reducing annual payments by approximately \$380,000
- Funds in excess of the debt service reserve will be transferred to Fund 680
- Future Debt Service Payments are estimated from the Ohio Water Development Authority calculator, based upon a 20 year term and 4% interest rate

### Assumptions for Fund 680 Revenues

- Connection charges to be estimated by averaging charges over the previous five years, and escalating at 2.5% annual connection charge increase and 2% annual increase in new connections
- Funds will be transferred from Fund 670 for CIP projects
- Future Bond Proceeds will be deposited into 680.
- Interest income is calculated by applying an interest rate of 1% to the previous year's Fund (Fund 680) using an average of the fund balance from beginning to end of the previous year



## Assumptions for Fund 680 Expenses

 2018 – 2022 CIP Schedule was developed with projections from FCWWTP Superintendent Corey Timko, along with the City of North Ridgeville 2018 Expense Report

<ul> <li>Interceptor Repairs – Phase 2 Construction</li> </ul>	\$	400,000
<ul> <li>Elevator Replacement</li> </ul>		350,000
<ul> <li>200hp Influent Pump Valve (ongoing from 2016)</li> </ul>		52,290
<ul><li>CM Tank Blower (ongoing from 2017)</li></ul>		429,311
<ul> <li>Filter Upgrade (ongoing from 2017)</li> </ul>		469,460
<ul> <li>HVAC Replacement (ongoing from 2017)</li> </ul>		161,312
<ul> <li>SCADA System Upgrade</li> </ul>		90,000
<ul> <li>Positive Displacement Pump</li> </ul>		30,000
<ul> <li>Contingency (10%)</li> </ul>		198,237
2018 Total	\$2,1	80,610



### 2019 - 2022 FCWWTP CIP

The 2019 CIP is anticipated to include the following:

2019 Total	\$ 6,083,000
<ul><li>Contingency (10%)</li></ul>	553,000
<ul> <li>Digester Blower and Air Manifold – Engineering</li> </ul>	30,000
<ul> <li>Non-potable Water Line Upgrade</li> </ul>	100,000
<ul> <li>Influent Pumps Installation</li> </ul>	2,600,000
<ul> <li>Disc Filter Expansion – Installation</li> </ul>	2,700,000
<ul> <li>Centrifuge MCC and Transformer</li> </ul>	\$ 100,000

The 2020 CIP is anticipated to include the following:

2020 Total	\$ 3.080.000
<ul><li>Contingency (10%)</li></ul>	280,000
<ul> <li>Interceptor Model for Basin Design</li> </ul>	200,000
<ul> <li>Centrifuge MCC and Transformer – Installation</li> </ul>	400,000
<ul> <li>Disc Filter Expansion – Installation</li> </ul>	2,000,000
<ul> <li>Digester Blower and Air Manifold - Installation</li> </ul>	\$ 200,000



#### 2019 – 2022 FCWWTP CIP

The 2021 CIP is anticipated to include the following:

<ul> <li>CM Tank Blower – Installation</li> </ul>	\$2,500,000
<ul> <li>Roofing Replacements</li> </ul>	700,000
<ul> <li>Miscellaneous Vehicles &amp; Equipment</li> </ul>	200,000
<ul><li>Contingency (10%)</li></ul>	<u>340,000</u>
2021 Total	\$3,740,000

The 2022 CIP is anticipated to include the following:

<ul><li>Substation Upgrade</li><li>CM Tank Blower – Installation</li></ul>	\$1,200,000 2,500,000
<ul> <li>– Civi Tank Blower – Installation</li> <li>– Miscellaneous Vehicles &amp; Equipment</li> </ul>	200,000
	<b>,</b>
<ul><li>Contingency (10%)</li></ul>	390,000
2022 Total	\$4,290,000

 The Fund 680 Balance is anticipated to grow and be maintained with a Reserve of \$1.5 - \$2 million

## **Debt Service Strategy**

- BAN Retirement: No Future BANs anticipated
- Debt Retirement:
  - 2014 FCWWTP Bond to be retired in 2021
  - 2016 Grit System / UV System Bond to be retired in 2036
- Future Bonds
  - Bonds are anticipated in late 2018 or early 2019 for ongoing CIP



#### **AECOM Considered 4 Alternatives**

#### Alternative 1: Baseline

- No Rate Increases
- No BAN/Bonds
- Fund 680 will not support the planned CIP beginning in 2020
- Deficits begin in 2020

#### Alternative 2: Rate Increase Only

- 15% rate increase in 2019 followed by rate increases of 6% in 2020 2022
- High rate increase may lead to financial and political repercussions

#### Alternative 3: Bond Issue Only

- \$7.2 million bond issued in 2019 with added debt service payment of approximately \$526k per year
- May not have sufficient revenue to cover debt service payment and operating costs long-term



#### Alternative 4: Rate Increase and Bond Issue

	2018	2019	2020	2021	2022
Fund 670 Balance (end-of-year)	\$3,523,664	\$1,001,692	\$1,017,262	\$1,025,126	\$1,025,126
Months of O&M Reserves	9.59	3.00	3.05	3.02	3.00
Fund 680 Balance (end-of-year)	\$7,445,170	\$8,588,686	\$6,466,212	\$4,375,237	\$2,009,690
Fund 675 Balance (end-of-year)	\$703,790	\$991,865	\$997,465	\$570,565	\$570,565
Total FCWW Balance	\$11,672,624	\$10,582,243	\$8,480,939	\$5,970,928	\$3,605,380
User Charges	\$4,512,431	\$4,602,680	\$4,882,523	\$5,179,380	\$5,494,286
Rate Increase (%)	-	4	4	4	4
Rate Increase Revenue	•	\$184,107	\$195,301	\$207,175	\$219,771
Future Bond Proceeds	-	\$4,000,000		-	-
Future Debt Service	-	-	•	\$292,446.00	\$292,446.00

- Modest annual rate increase of 4% in 2019 2022
- \$4,000,000 bond issued in 2019 for 20 years at 4% interest
- New debt service payment of approximately \$292,446 per year
- Total FCWWTP Balance greater than \$3m at close of 2022



# **Summary and Conclusions**

- Predicted operating costs increase in 2019 by approx.
   \$250k above the average from the previous five years, then increase by approximately 2% per year
- Revenue from Consumption Charges, Connection
   Fees and Other Fees and Charges continues to grow
- CIP is scheduled through 2022. Full CIP cannot be funded without rate increase or further debt
- FCWWTP has operated with no rate increases since 2009



# **Summary and Conclusions**

- A \$4 million bond in 2019 along with an annual rate increase of 4% (beginning in 2019) will allow FCWWTP to fully cover CIP schedule and O&M costs through 2022
- Alternative 4 maintains a FCWWTP balance of greater than \$3 million at the close of 2022, sufficient to provide a 3-month operating reserve, a capital reserve of over \$2 million and a debt service reserve equal to one year's payment.



# FCWWTP Rate Study Update North Ridgeville, Ohio



Findings and Recommendations

August 6, 2018

Questions?





#### **Agenda**

Meeting name

French Creek Wastewater Treatment Plant Rates

Meeting date

8/6/18

Location 7307 Avon Belden Rd, North Ridgeville, Ohio 44039

Prepared by Justine Rose, AECOM Subject

French Creek Rate Study

**Findings** 

Time 6:15 pm

Project name

French Creek Rate Study

#### French Creek Wastewater Treatment Plant Rates

- 1. Introduction
  - a. Goals
  - b. Data Sources
  - c. Recent Trends
- 2. Assumption Review
  - a. Fund 670 Revenue and Expenses
  - b. Fund 675 Revenue and Expenses
  - c. Fund 680 Revenue and Expenses
- 3. Alternative Review
  - a. Baseline
  - b. Recommended Alternative
- 4. Summary and Conclusions
- 5. Questions



Meeting name

French Creek Wastewater Treatment Plant Rates Meeting date

8/6/18

Time 6:15 pm Location

7307 Avon Belden Rd, North Ridgeville, Ohio

44039

Project name

Prepared by

French Creek Rate Study

Justine Rose, AECOM

#### French Creek Rate Study Findings

AECOM conducted a Rate Study Analysis for French Creek Waste Water Treatment Plant (FCWWTP) using previous studies and reports, the Auditors Financial and Budget reports, the Debt Service Schedule, the Proposed Capital Improvement Projects schedule, and interviews with the Auditor and FCWWTP Superintendent. AECOM created a baseline budget analysis and considered alternatives for future rate increases and debt.

#### **Budgetary Goais**

The overall budgetary goals for FCWWTP are as follows

- Fund Current and Proposed Capital Improvement Program (CIP) projects through 2022
- Maintain a reserve of at least 3 months of Operating and Maintenance (O&M) costs
- Maintain a reserve at the close of each year to cover any Debt Service expense for the following year

#### **Baseline Alternative**

- No Rate Increases
- No future debt
- Proposed CIP cannot be supported beginning in 2021
- Total FCWWTP fund balance shows a deficit beginning in 2022

#### **Recommended Alternative**

- 4% yearly rate increases from 2019 to 2022
- \$4 million bond issued in 2019 for 20 years at 4% interest
- New Debt Service payment of approximately \$292,446 per year
- Proposed CIP is funded through 2022
- Total FCWWTP fund balance of greater than \$3 million at the close of 2022 to support
  - 3 month O&M reserve (Approximately \$1 million)
  - CIP reserve (Approximately \$2 million)
  - Debt Service Reserve for the following year

FCWWTP Rate Study Evaluation: Actual, Budget, Projected and Updated Projections Akemative 1: Baseline

Item	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 (Predicted)	2019 (Predicted) 2020 (Predicted)	2020 (Predicted)	2021 (Predicted)	2022 (Predicted)
Revenues										
User Charges and Surcharges (670)	\$4,397,198	\$4,649,549	\$4,259,515	\$3,978,328	\$4,835,171	\$4,512,431	\$4,535,939	\$4,512,762	\$4,564,425	\$4,683,988
Other Fees and Charges (670)	\$306,335	\$301,580	\$232,407	\$254,838	\$383,257	\$280,610	\$288,624	\$282,422	\$288,953	101,862\$
Connection Charges (680)	\$330,349	\$367,172	\$324,139	\$526,922	\$431,429	\$414,020	\$431,516	\$444,970	\$470,236	\$458,383
Other Income (670)	\$157,479	232,627	\$45,264	\$64,027	\$21,380		\$46,662	\$49,525		\$47,613
Interest Income Fund 670	\$18,506	\$18,553	\$17,622	\$23,758	\$35,780	\$67,964	\$69,655	\$33,940	\$15,142	\$15,318
Interest Income Fund 675		099\$	\$22	\$635	\$1,861	\$883	\$3,528	\$7,016		\$4,916
Interest Income Fund 680	\$8,948	\$8,047	\$10,039	\$29,646	\$78,787	\$84,470	\$77,422	\$60,377	\$34,221	\$8,816
Subtotal Revenues	\$5,218,815	\$5,378,188	\$4,889,008	\$4,878,154	\$5,787,665	\$5,425,816	\$5,451,346	\$5,391,013	\$5,430,393	\$5,517,136
Bond Proceeds 675		\$3,196,396		\$238,163		0\$	\$0	\$	\$	0\$
BAN/Bond Proceeds 680	\$500,000	\$2,300,000	\$5,900,000	\$4,044,953	0\$	\$	\$0	\$	\$0	\$0\$
Total Income	\$5,718,815	\$10,874,584	\$10,789,008	\$9,161,270	\$99'484'5\$	\$5,425,816	\$5,451,346	\$5,391,013	\$5,430,393	\$5,517,136
Expenses										
O&M Costs (670)	\$3,619,773	\$3,519,252	\$3,905,770	\$3,697,949	\$3,343,292	\$4,408,131	\$4,005,786	\$4,006,767	\$4,069,048	\$4,100,503
Debt Service	\$471,455	\$420,663	\$425,660	\$468,978	\$700,415	\$702,665	\$703,790	\$699,419	\$705,019	\$278,119
BAN Payments (P&I)	\$978,221	\$503,242	\$2,322,936	\$5,958,836		05	0\$	95	\$0	\$0\$
Pay-as-you-go CIP	\$954,021	\$1,216,590	672,025,53	\$2,555,527	\$625,174	\$2,180,610	\$6,083,000	\$3,080,000	\$3,740,000	\$4,290,000
Costs 675		\$3,186,972	\$10,062	\$64,090		The state of the s				
Total Expenses	\$6,023,470	\$8,846,719	\$8,985,007	\$12,745,380	\$4,668,881	\$7,291,406	\$10,792,576	\$7,786,186	\$8,514,067	\$8,668,622
Net Revenues	(\$304,655)	\$2,027,865	\$1,804,001	(\$3,584,110)	\$1,118,784	(\$1,865,590)	(\$5,341,229)	(\$2,395,173)	(\$3,083,674)	(\$3,151,486)
Fund 670 FCWWTP Fund Balance	\$6,768,506	\$8,251,563	\$8,900,601	\$3,564,767	\$5,497,063	\$3,523,664	\$1,001,692	\$1,017,262	\$1,025,126	\$1,025,126
Months of O&M Reserves	22.44	28.14	27.35	11.57	19.73	9.59	3.00	3.05	3.02	3.00
Fund 680 R&I Fund Balance	\$2,751,742	\$3,789,708	\$7,277,647	\$8,854,663	\$8,039,290	\$7,445,170	\$4,630,284	\$2,213,940	(\$450,698)	(\$3,602,184)
Fund 675 Fund Balance		\$10,084	(\$10,040)	\$174,708	\$1,861	\$703,790	\$699,419	\$705,019	\$278,119	\$278,119
Total FCWW Balance	\$9,520,248	\$12,051,355	\$16,168,208	\$12,594,138	\$13,536,353	\$11,672,624	\$6,331,394	\$3,936,221	\$852,547	(\$2,298,939)

City of North Ridgeville
Actual and Predicted Revenue
Accounts: 670.000.000000 to 680.695.610212
Alternative 1: Baseline

AMERICANCE I: DASEINE	auta										
		2013	2014	2015	2016	201712	018 (Predicted) Z	019 (Predicted) [2	2017[2018 (Predicted)   2019 (Predicted)   2020 (Predicted)     2021 (Predicted)   2002 (Predicted)	021 (Predicted) (2	022 (Predicted)
Fund: 670											
670.000.500541	USER CHARGES Total:	\$4,397,198	\$4,649,549	\$4,259,515	\$3,978,327	\$4,835,171	\$4,512,431	\$4,535,939	\$4,512,762	\$4,564,425	\$4,683,988
	Rate Increases (%)						0	0	0	0	0
	Rate Increase Revenue						S	S	93	S	S
670.000.500542	USER CHARGES - INTERFUND Total:	0\$	\$0	S	콨	3	S	S	8	8	\$
670.000.500573	IPT SURCHARGE Total:	009\$	05	95	\$8,528	\$2,264	\$2,324	\$2,676	\$3,222	\$3,879	\$2,930
570.000.500576	LAB CHARGES Total:	\$20,583	\$25,562	\$21,308	\$20,540	\$43,558	\$26,836	\$28,112	\$28,632	\$30,126	\$32,082
670.000.500579	LEACHATE FEES Total:	\$202,144	\$275,465	\$211,099	\$197,038	\$258,615	\$233,450	\$239,836	\$232,568	\$236,947	\$245,089
670.000.500580	SEPTIC HAULER FEES Total:	\$83,008	£553	os	S	95	93	S	QS.	S	\$0
670.000.700110	INTEREST INCOME Total:	\$18,506	\$18,553	\$17,622	\$23,759	\$35,780	\$67,964	\$67,655	\$33,940	\$15,142	\$15,318
670.000.800190	RENTAL FEES Total:	0\$	0\$	S	\$27,500	\$59,500	\$18,000	\$18,000	\$18,000	518,000	\$18,000
670.000.800892	OTHER REVENUE Total:	\$157,479	\$32,627	\$45,264	\$64,027	\$21,379	\$65,438	\$46,662	\$49,525	\$50,394	\$47,613
670.000.900111	BOND PROCEEDS Total:	0\$	93	S	SS	S					
670.000.900113	BOND ISSUE PREM (GAAP) Total:	0\$	S	S	Ş	SO					10000
670.000.960800	GOVDEALS-AUCTIONS / SALE OF CAP ASSETS Total:	80	95	93	\$1,231	\$19,320					
670 Totals:		\$4,879,518	\$5,002,308	\$4,554,808	\$4,320,950	\$5,275,587	\$4,926,443	\$4,938,880	\$4,878,649	\$4,918,914	55.045.021
Fund: 675											
675,000,700110	INTEREST INCOME Total:	0\$	10995	\$22	\$635	\$1,861	\$883	\$3,528	\$7,016	\$7,022	\$4.916
675.000.900111	BOND PROCEEDS Total:	\$0	\$3,080,000	8	S	S					
675.000.900113	BOND ISSUE PREM (GAAP) Total:	0\$	\$116,369	S	\$238,163	8					
675.000.950531	TRANSFERS IN Total:	SD	\$0	OS.	S	S	\$770,000				
1	End of Year Transfer		1			9	\$633,711	\$3,455,067	\$856,312	\$842,002	\$944,518
675 Totals:		05	\$3,197,029	\$25	\$238,798	\$1,861	\$1,404,594	\$3,458,595	\$863,328	\$849,024	\$949,434
Fund: 680											
680.000.570542	SEWER TAP FEES Total:	\$330,349	\$367,172	\$324,139	\$526,922	\$431,429	\$414,020	\$431,516	\$444,970	\$470,236	\$458,383
680.000,700110	INTEREST INCOME Total:	\$8,948	\$8,047	\$10,039	\$29,645	\$78,787	\$84,470	\$77,422	\$60,377	534,221	\$8.816
	Future Bond Proceeds						0.00				
680,000,900111	BOND PROCEEDS Total:	80	0\$	OS.	\$4,000,000	So					
680.000.900113	BOND ISSUE PREMS (GAAP) Total:	\$0	\$0	05	\$44,953	\$					
680.000.900121	BANS PROCEEDS Total:	\$500,000	\$2,300,000	\$5,900,000	S	콨					
680.000.900122	BANS PREMIUMS Total:	0\$	SS	0\$	05	95					10
680.000.950531	TRANSFERS-IN Total:	0\$	20	05	0\$	8	\$1,088,000	\$2,759,176	\$158,309	\$570,905	\$671,315
680 Totals		\$839,297	\$2,675,219	\$6,234,178	\$4,601,520	\$510,216	\$1,586,490	\$3,268,114	\$663,657	51,075,362	\$1,138,514

Predicted Revenue Future Increased Revenue

\$1,771,83 \$28,939,30 \$120,468,09 \$9,408,25 \$5,999,21 \$69,101.20 \$20,000.00 \$42,448.32 \$15,633.80 \$62,535.20 \$26,056.33 \$357,830.50 \$2,500.00 \$236,102.08 \$5,603.83 \$546.13 \$5,907.70 \$11,766.63 \$11,666.63 \$39,317.19 \$4,169.01 \$376.45 2017|2018 (Predicted) | 2019 (Predicted) | 2020 (Predicted) | 2021 (Predicted) | 2022 (Predicted) \$849,891 \$15,918.1 \$7,132.3 \$20,845.0 \$20,000.0 \$37,142.2 \$42,448.3 \$34,394.3 \$10,000.0 \$3,000.0 \$32,819.0 \$240,000.0 \$20,982.9 \$8,701.9 \$16,749.60 \$29,966.36 \$10,743.04 \$1,763.02 \$30,649.15 \$120,019.15 \$9,370.76 \$5,969.36 \$180,543,51 \$843,564.73 \$68,284.58 \$36,000.00 \$15,556.02 \$62,224.08 \$25,926.70 \$38,839.86 \$4,148.27 \$360,096.88 \$2,500.00 \$237,006.68 \$5,111.65 \$479.44 \$5,896.48 \$15,606.00 \$7,096.86 \$20,741.36 \$3,000.00 \$20,000.00 \$52,020.00 \$36,414.00 \$41,616.00 \$34,223.24 \$32,819.00 \$240,000.00 \$20,723.91 \$8,531.28 \$380.95 \$10,000.00 \$835,212.60 \$8,000.00 \$40,800.00 \$15,453.00 \$61,812.00 \$25,755.00 \$39,256.70 \$4,120.80 \$355,816.48 \$2,500.00 \$229,971.42 \$5,346.09 \$5,840.84 \$16,604.89 \$31,840.11 \$1,751.34 \$29,105.55 \$29,105.55 \$323,376.87 \$9,324.14 \$20,000.00 \$51,000.00 \$35,700.00 \$40,800.00 \$32,819.00 \$240,000.00 \$20,384.18 \$8,364.00 \$15,300.00 \$7,049.86 \$20,604.00 \$3,000.00 5368.59 \$10,000.00 \$176,641.58 \$822,869.56 \$66,771.11 \$50,000.00 \$15,300.00 \$11,300.00 \$125,500.00 \$39,399.58 \$4,080.00 \$16,103.22 \$34,178.65 \$13,861.52 \$1,734.00 \$28,060.31 \$126,470.37 \$9,262.39 \$5,871.12 \$349,953.26 \$2,500.00 \$234,317.13 \$5,158.39 \$448.10 \$5,893.21 \$10,000.00 \$15,000.00 \$6,940.06 \$20,400.00 \$3,000.00 \$32,819.00 \$240,000.00 \$19,887.00 \$8,200.00 \$376.29 \$20,000,00 \$50,000,00 \$35,000,00 \$40,000,00 \$798,902.49 \$65,570.47 \$106,000.00 \$15,000.00 \$15,000.00 \$25,000.00 \$39,535.20 \$4,000.00 \$344,411.42 \$1,500.00 \$237,724.15 \$5,028.38 \$444.83 \$5,720.46 \$16,894.49 \$36,337.42 \$14,038.58 \$1,700.00 \$27,556.42 \$9,170.69 \$5,756.00 \$18,000,00 \$6,843.20 \$30,000.00 \$3,000.00 \$20,000.00 \$126,806.65 \$45,000.00 \$54,049.72 \$33,000.00 \$32,819.00 \$320,000.00 \$18,940.00 \$15,200.00 \$394.54 \$10,000.00 \$695,870.84 \$67,017.08 \$111.43 \$52,770.80 \$52,709.30 \$51,709.08 \$35,700.00 \$4,976.79 \$343,793.05 \$0.00 \$196,534.38 \$6,825.25 \$856.33 \$15,529.61 \$20,945.24 \$5,202.73 \$1,176.40 \$26,487.92 \$90,773.51 \$1,613.90 \$14,339.38 \$2,188.14 \$63,836.48 \$4,936.00 \$273.77 \$7,112.15 \$2,727.84 \$10,933.98 \$30,083.68 \$160,000.00 \$2,738.09 \$3,320.00 \$325.00 \$66,881.59 \$18,533.01 \$15,008.24 \$33,000.00 \$65,808.38 2016 \$738,074.52 \$64,320.38 \$60,509.60 \$138,448.96 \$371,206.60 \$0.00 \$201,175.09 \$1,699.00 \$152.50 \$5,841.48 \$16,973.68 \$23,592.50 \$6,412.21 \$36,500.00 \$39,030.74 \$3,053.04 \$9,789.15 \$31,258.56 \$244,942.88 \$403.00 \$9,863.71 \$2,978.57 \$134,570.14 \$33,000,00 \$704,025.42 \$173,904.07 \$765,988.31 \$65,444.68 \$0.00 \$133,772.57 2015 \$334,834.11 \$0.00 \$200,546.40 \$6,495.33 \$296.36 \$5,568.10 \$15,895.50 \$41,025.17 \$24,930.68 \$41,300.00 \$21,538.86 \$16,181.75 \$31,429.41 \$2,774.12 \$5,746.50 \$32,818.56 \$240,000.00 5308.00 \$3,088.71 \$693,690.14 \$163,205.50 \$767,700.12 \$61,779.01 \$0.00 \$148,636.55 2014 \$121,211.97 \$0.00 \$208,115.72 \$4,738.25 \$46.55 \$6,149.91 \$40,100.00 \$13,644.08 \$45,642.08 \$17,364.42 \$414.00 \$329.00 \$8,237.67 \$19,857.82 \$22,936.58 \$29,800.00 \$32,818.56 \$220,000.00 \$2,853.79 \$671,666.79 \$28,930.23 2013 \$147,603.66 \$776,878.64 \$59,742.12 \$62,448.90 \$131,433.61 \$0.00 \$206,495.83 \$4,391.07 \$428.80 \$4,873.63 \$20,773.25 \$46,919.64 \$14,906.52 \$40,200.00 \$25,086.37 \$484.00 \$5,174.32 \$12,771.94 \$20,228.01 527,968.45 534,158.56 5285,567.34 \$1,609.93 5317,245.54 5656,208.58 \$27,515.31 FUEL TSTAR MOTOR VEHICLE PARTS / SUPPLIES TOTAL: LOAS SUPPLY TOTAL: CHEMICALS TOTAL: SMALL TOOLS / EQUIPMENT TOTAL: OTHER OPERATING SUPPLIES TOTAL: INSURANCE Tetal. REAL PROPERTY TAX & RELATED Total. DUTSIDE SERVICES Total: NETWORK / INTERNET / CABLE Total Employer HSA Contrib. Total:
RETIREMENT Total:
MEMBERSHIP/EDUCATION Total:
TANVEL/TRANSPORTATION Total:
UNIFORMS TOTAL: INFORMATION TECHNOLOGY Total PHYSICAL EXAMS TOTAR IPT - SAFETY & RELATED TOTAL: IND PRETR'T TOTAL: COMMAUNICATIONS TOTAL: OTHER PROFESSIONAL SVCS Total O/S-SLUDGE PROCESSING Total: IT LICENSES & SUPPORT Total: CELLULAR PHONE / DATA Total WAGES-STAFF Total: FOREMAN Total: RETIREE/SEPARATION Total: OVERTIME Total: ADVERTISING Total: PROFESSIONAL SERVICE Total LEGAL SERVICES Total: ENGINEERING SERVICES Total: OPERATING SUPPLIES Total MPLOYEE BENEFITS Total: EQUIPMENT LEASING Total HOUDAY PREMIUM Total: CT CASH OUT Total: COMP ABSENCES Total: LONGEVITY Total: OTHER COMP Total: OFFICE SUPPLIES Total METER SVCS Total UTILITIES Total PHONE Total: Fund. 670

Fund. 670

Fund. 670

Fund. 670

Fuld. 690 100101

670 690 100102

670 690 100117

670 690 100117

670 690 100118

670 690 100128

670 690 100128

670 690 100128

670 690 100128

670 690 100128

670 690 100128

670 690 100128

670 690 100128

670 690 100128

670 690 100128

670 690 100128

670 690 100128

670 690 100128

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130

670 690 115130 Alternative 1; Baseline 670.690.350250 670.690.350800 670.690.400030 690.310100

City of North Ridgeville

Accounts: 670.690.000000 to 680.695.605500 Actual and Predicted Expenses

City of North Ridgeville
Actual and Predicted Expenses
Acrounts: 670,699,0000000 to 680,695,605500
Attentative 1: Baseline

Alternative 1: Baseline			i								
		2013	2014	2015	2016			2019 (Predicted)			2022 (Predicted)
6/0.690.410110	ELECTRIC TOTAL:					5568,197,73	\$765,515.34	\$675,000.00	5688,500.00	\$702,270.00	\$716,315.40
670.690.310120	WATER / SEWER Total:	1				\$5,046.08	\$5,953.92	\$6,073.00	\$6,133.73	\$6,174.62	\$6,205.49
670.690.310190	NATURAL GAS/OIL Total:						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
670.690.315100	OTHER UTIUTIES Total:						\$0.00	\$0.00	\$0.00	20:00	\$0.00
Maintenance and Repair	The second secon	The State of the Party of the P	State of the last			The same of	The second second	STREET, STREET	Constitution and the last	Contract of the last of the la	
670.690.220100	FACILITIES MAINTENANCE Total:	\$120,960.26		\$104,915.77	\$108,647.07	\$98,457,95	\$123,375.00	20.00	00'0\$	\$0.00	\$0.00
670.690.220200	EQUIP MAINT / REPAIRS Total:	\$199,135.32	\$246,904.17	\$485,966.86	\$176,841.04	\$211,604.00	\$209,861.00	20.00	50.00	\$0.00	\$0.00
670.690.320120	M&R Equipment					202		\$115,000.00	\$117,300.00	\$119,645.00	\$122,038.92
670.690.320130	EQUIPMENT SRV PLANS Total:						\$15,000.00	\$20,000.00	\$20,000,00	\$20,000.00	\$20,000.00
670.690.320210	M&R VEHICLES CITY GARAGE Total:						\$5,000.00	\$5,100.00	\$5,151,00	\$5,185,34	\$5,211.27
670.690.320400	M&R BUILDINGS Total:						- 100 mary - 1000 - 1	\$165,000.00	\$168,300.00	\$171,666.00	\$175,099.32
670.690.320430	BLOG SERVICE AGREEMENTS Total:		Control of the contro				\$500.00	\$510.00	\$515.10	\$518.53	\$521.13
670.690.320500	M&R Lands & Grounds							\$25,000.00	\$25,500.00	\$26,010.00	\$26,530.20
670.690.320830	SRV PLANS OFFICE EQUIP Total:						\$1,100.00	\$1,122.00	51,133.22	51,140.77	\$1,146.48
670.690.400031	MAINT/SVC AGREEMENTS Total:		S 500 S 500 B	28,045		\$1,237.76				THE RESIDENCE OF THE PARTY OF T	The second second
Capital Outlay		2010			No. of London	Spirit Salahanan Salahan	No.				No. of Lot
670.690.400050	EQUIPMENT OUTLAY Total:	\$48,656.46	\$51,787,75	\$130,081.89	\$21,501.41	\$81,870.88	\$68,115.27	\$72,084.87	\$76,225.48	\$65,238.77	\$74,161.20
670.690.415302	VIDEO CAMERA UPGRADE PROJECT Total:			\$650.00	\$126,256.30	529,532.47					
Other			Company of the last of the las	THE RESERVE AND ADDRESS.			Semble 1		0.000	The second second	100000000000000000000000000000000000000
670.690.510050	REFUNDS Total:	\$6,102.50								No.	SACOTO CONTRACTOR
670.690.590865	GOVDEALS/AUCTION FEES Total:		1		\$92.30	\$790.89					Maria Contraction of the Contrac
670.690.605106	ADMINISTRATIVE COST Total:	\$79,500.00	\$79,500.00	\$79,500.00	\$79,500.00		\$329,500.00	\$250,000.00	\$250,000.00	\$255,000.00	\$260,100.00
Debt Service			The second second			School and a second				S Total Contraction of the last	THE PROPERTY OF THE PARTY OF TH
670.690.610201	BOND PRINCIPAL Total:	\$310,000.00	Š	\$365,000.00	\$370,000.00	\$530,000.00				The second second	
670.690.610202	80MD INTEREST Total:	\$161,455.00	\$50,663.48	\$60,659.64	\$54,025.00	\$170,414.76	200				
670.690.610205	BOND COSTS Total:				\$44,952.93						
670.690.610211	BANS PRINCIPAL Total:	1			\$5,900,000.00			C LEGGLES CO.			
670.690.610212	BANS INTEREST Total:				\$58,836.11	A		The second of			S THE DAY I
670 Subtotal		\$3,616,272.50	53,475,768.36	53,905,770.57	\$3,697,949.24	\$3,343,292.31	\$4,408,131.10	\$4,005,785.72	\$4,006,766.67	\$4,069,047.98	\$4,100,502.84
Transfers Out	2000	200	1000			Section 1	\$1,858,000.00	The second second	(4)	Statement of the same	Street, or
End-of-year Transfer	200 E			2		200	\$633,711.00	\$3,455,066.64	\$856,312.06	\$842,001,98	\$944,517.99
670 Totals		\$4,087,727.50	\$3,896,431.84	\$4,331,430.21	\$10,125,763.28	\$4,043,707.07	\$6,899,842.10	\$7,460,852.36	\$4,863,078.73	\$4,911,049.96	\$5,045,020.83
Fund 675		2000	A 1000 A 100 A		Seconda Helitaria						***
675.692.610100	PRINCIPLE Total.	80.00	53	\$0.00	\$0.00	20.00	\$540,000.00	\$550,000.00	\$560,000,000	\$580,000.00	\$170,000,00
675.692.610102	INTEREST Total:	20:00	\$37,459.95	\$10,062.40	\$64,089.52	\$0.00	\$162,665.00	\$153,790.00	\$139,419.00	\$125,019,00	\$108,119.00
	Future Debt Service		200					STATE OF STREET	Parameter State		
	Transfers Out to 680							\$2,759,175.74	\$158,309.10	\$570,905.17	\$671,314.63
675 Totals		\$0.00	\$3,117,459.95	\$10,062.40	\$64,089.52	\$0.00	\$702,665.00	\$3,462,965.74	\$857,728.10	\$1,275,924.17	\$949,433.68
Fund: 680											
680.695.350245	METER SVC-HACH METERS Total:							The Party and Street or other Perty and Stre		0	STATE OF THE PARTY
680.695,400702	REPLACE/IMPROVEMENT Total:		\$5,713.00				The state of the s	110000000			
680.695.408443	SCADA COMPUTERIZATION Total:			\$20,372.00	\$100,693.15	\$150,746.85	2	Section 1			
680.695.411412	CENTRIFUGE/SCRUBBER Total:	\$766,701.90	\$177,525.00	\$102,054.10						100 CONTRACTOR OF THE PERSONS IN CONTRACTOR OF THE PERSON IN CONT	502
680.695.412705	WTRLN / WTR METER Total:	\$29,530.75									
680.695.413343	SECURITY SYSTEM Total:		\$19,738.00						The second second	STATE OF THE PERSON NAMED IN	4
680.695.413411	AUTOCIAVE Total:	\$6,295.85	800000000000000000000000000000000000000						No.	Statement of the last of the l	Secretary of the second
680,695,413415	BOBCAT W/ BRUSH HOG Total:	\$42,111.18					2005	The second second		A COLUMN TWO IS NOT THE REAL PROPERTY.	
680.695.413437	PORTABLE PUMP Total:	\$3,390.00							0.00	20	100
680.695.413445	SOSSOR LIFT-MAN UFT Total:	\$6,000.00	-						The same of		
680.695.413518	FORK UFT/MAN CAGE Total:	\$25,000.00			Ĭ			Section Charles	*		
680.695.413532	TRAILER Total:	\$8,550.00						THE CALL DISTRICT			Contract of

City of North Ridgeville Actual and Predicted Expenses Accounts: 670.690.000000 to 680.695.605500

	Atternative 1: Baseline											
131333			2013	2014	2015	2016	2017	2018 (Predicted)	2019 (Predicted)	2020 (Predicted)	-	2022 (Predicted)
MICHAEL PRINCE PRINCE PRINCE   MICHAEL PRINCE PRINCE PRINCE   MICHAEL PRINCE	680.695.413533	TRUCK/BOX/SADDLE TANK Total:	\$31,307.90									
MACKED REPAIRED REP	680.695.413710	INTERCEPTOR REPAIRS Total:	\$35,132.70	\$16,642.30	\$776,257.89	\$57,987,74					2	
STATE   STAT	680.695.413813	BACK UP GENERATOR-ESCO PROJECT Total:		\$892,923.80	\$946,892.13						12 Comment of the Com	
1200   1200	680.695.414302	GRIT SYSTEM UPGRADES Total:		\$34,027.68	\$119,995.79	\$1,078,536.39	\$129,357,72					
ADDITION   Control Refuge Fraction   Contr	680.695.414304	ULTRA VIOLET SYSTEM REPLACEMENT TOTAL:		\$70,020.65	5351,148.48	\$1,159,274.00	\$59,907.97			0	The Control of the Control	
MAIN BLOOK ELEVATOR REPACEMENT Total:   510.689 de 5353,000.00   510.00	680.695.415330	200hp INFLUENT PUMP VALVE Total:				\$155,177.30	\$42,272.70	\$52,290.00				-0-A
For the Relative For task   For	680.695.416205	MAIN BLDG ELEVATOR REPLACEMENT Total:						\$350,000.00				
PACK PROJECT   PACK	680.695.417016	CM TANK BLOWER Total:					510,689.46	\$429,310.54				
FORTING PROPERTIES   HAVE REPLACED FOR THE BEAUTH   FORTING PROPERTIES	680.695.417017	FILTER UPGRADE Total:					\$47,040.00	\$469,460.00				
SCOOL SYSTEM UPGADE TOLIS   SCOOL SYSTEM UPGAD TOLIS   SCOOL SYSTEM UPG	680.695.417021	MVAC Replacement Total:					\$185,159.60	\$161,312.40				
INTERICE PREMISE PAIR ACE AT TRANSCORNIÈRE Total:   S400,000.00   S400	680.695.417027	SCADA SYSTEM UPGRADE Total:						\$90,000.00	1 m			
INTERICE REPAIRS PL 2 Total:	680.695.418015	CENTF MCC & TRANSFORMER Total:							\$100,000.00			
NOTIVE PUMPS INSTALL Total:   NOTIVE PUMP PUMP PUMP PUMP PUMP PUMP PUMP PUM	680.695.418016	INTERCÉP REPAIRS PH 2 Total:						\$400,000.00				
	680.695.418017	INFLUENT PUMPS INSTALL Total:						Storyour	\$2,600,000.00			
POSITIVE DISE PUMP RPLC Total:   S3.858.00   S3.858.00   S3.858.00   S3.858.00   S2.700.00   S2.700.	680.695.418018	INOM-POTABLE LINE UPGRADE Total:							\$100,000.00		Maria	100000000000000000000000000000000000000
	680.695.418019	POSITIVE DISPL PUMP RPLC Total:						\$30,000.00				
Disk Filter Expandon - upgrade - Instalktion   Disk Filter Expandon - upgrade - Instalktion   S2,700,000 00   S2,700,000 00	680.695.510050	REFUNDS Total:			\$3,858.00	53,858.00						Charles of the same
Substation Upgrade   Substation Upgrade   Engineering   Substation Upgrade   Engineering   Substation Upgrade   Engineering   Substation   Substat		Disk Filter Expansion - upgrade - Installation							\$2,700,000.00	ľ		
Digester Blower and Air Manifold Upgrade - Engineering   Digester Blower and Air Manifold Upgrade - Installation   Digester Blower and Air Manifold Upgrade - Installation   CM TATAN ELOWER - Installation   CM TATAN ELOWER - Installation   Systop,000,00   Systop,000,00   Systop,000,00		Substation Upgrade										\$1,200,000.00
Digester Blower and Air Manifold Upgrade - Installation   Continue Note and Air Manaformer   Continue No		Digester Blower and Air Manifold Upgrade - Engineering							\$30,000.00			
Control Replacement		Digester Blower and Air Manifold Upgrade - Installation		_			_			\$200,000.00		
Centriflyge MCC and Transformer Upgräde - Installation   Centriflyge MCC and Transformer Upgräde - Installation   Roofing Repairs   Roofing Repairs   Roofing Repairs   Strong Ont Control of Strong Ont Control Ont Control of Strong Ont Contr		CM TANK BLOWER - Installation		_							\$2,500,000.00	\$2,500,000.00
Roofing Repairs   Roofing Re		Centrifuge MCC and Transformer Upgrade - Installation						Market Street		\$400,000.00		
Interceptor Model for Basin Design   Vehicle Replacement   Vehic		Roofing Repairs									\$700,000.00	
Vehicle Replacement		Interceptor Model for Basin Design							State of the state	\$200,000.00		The Party of the P
24 51,982,372.94 55,530,000.00 524,000.00 52,800,000.00 52		Vehicle Replacement									\$200,000.00	\$200,000.00
35500   CONTINGENCY (10%): 5954,020.28   51,216,590.43   52,320,578.39   52,525,526.58   56,25,174.30   52,180,610.23   56,083,000.00   53,080	680 subtotal							\$1,982,372.94	\$5,530,000.00		1	53,900,000.00
854,020.28   51,216,590.43   52,320,578.39   56,555,576.58   5625,174.30   52,180,610.23   56,083,000.00   53,780,000.00	680.695.605500	CONTINGENCY (10%):			Ī	I		\$198,237.29	\$553,000.00			\$390,000.00
	680 Totak		\$954,020.28	\$1,216,590.43	52,320,578.39	\$2,555,526.58	\$625,174.30	\$2,180,610.23	\$6,083,000.00		53,740,000.00	\$4,290,000.00

Items added from CIP 5-year schedule	Predicted Expenses	Future Debt Service / Transfers

FCWWTP Rate Study Evaluation: Actual, Budget, Projected and Updated Projections Alternative 2: Rate Increase (4% in 2019-2022) and Bond Issue (54 million in 2019)

Item	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 (Predicted)	2019 (Predicted) 2020 (Predicted) 2021 (Predicted) 2023 (Predicted)	2020 (Predicted)	2021 (Predicted)	2027 (Pradicted)
Revenues			,						/nama-1, 1	construction of
User Charges and Surcharges (670)	\$4,397,198	\$4,649,549	\$4,259,515	\$3,978,328	\$4,835,171	\$4,512,431	\$4,786,787	\$5.077.824	\$5.386.555	\$5.714.058
Other Fees and Charges (670)	\$306,335	\$301,580	\$232,407	\$254,838	5383,257				1	
Connection Charges (680)	\$330,349	\$367,172	\$324,139	\$526,922	\$431,429	\$414,020				\$458,383
Other Income (670)	\$157,479	\$32,627	\$45,264	\$64,027	\$21,380	\$65,438				\$47,613
Interest Income Fund 670	\$18,506	\$18,553	\$17,622	\$23,758	\$35,780	\$67,964	1			\$15,318
Interest Income Fund 675		\$660	\$22	\$635	\$1,861	\$883				57,840
Interest Income Fund 680	\$8,948	\$8,047	\$10,039	\$29,646	\$78,787	\$84,470	\$77,422	\$80,169	S	\$54,207
Subtotal Revenues	\$5,218,815	\$5,378,188	\$4,889,008	\$4,878,154	\$5,787,665	\$5,425,816	\$5.	\$5,	\$6.7	\$6.595.521
Bond Proceeds 675		\$3,196,396		\$238,163		\$0	\$0\$			
BAN/Bond Proceeds 680	\$500,000	\$2,300,000	\$5,900,000	\$4,044,953	\$0	90	\$4,000,000	\$0		
Total Income	\$5,718,815	\$10,874,584	\$10,789,008	\$9,161,270	\$5,787,665	\$5,425,816	\$9,702,195	\$5,977,328	\$6,296,501	\$6,595,521
Expenses										
O&M Costs (670)	\$3,619,773	\$3,519,252	\$3,905,770	\$3,697,949	\$3,343,292	\$4,408,131	\$4,005,786	\$4,006.767	\$4.069.048	\$4.100.503
Debt Service	\$471,455	\$420,663	\$425,660	\$468,978	\$700,415	\$702,665			\$997.465	\$570.565
BAN Payments (P&I)	\$978,221	\$503,242	\$2,322,936	\$5,958,836		\$	\$0			S
Pay-as-you-go CIP	\$954,021	\$1,216,590	\$2,320,579	\$2,555,527	\$625,174	\$2,180,610	\$6,083,000	\$3,080,0	\$3.740.0	\$4,290,000
Costs 675		\$3,186,972	\$10,062	\$64,090						
Total Expenses	\$6,023,470	\$8,846,719	\$8,985,007	\$12,745,380	\$4,668,881	\$7,291,406	\$10,792,576	\$8,078,632	\$8,806,513	\$8,961,068
Net Revenues	(\$304,655)	\$2,027,865	\$1,804,001	(\$3,584,110)	\$1,118,784	(\$1,865,590)	(\$1,090,381)	(\$2,101,304)	(\$2,510,012)	(\$2,365,547)
Fund 670 FCWWTP Fund Balance	\$6,768,506	\$8,251,563	\$8,900,601	\$3,564,767	\$5,497,063	\$3,523,664	\$1,001,692	\$1,017,262	\$1,025,126	\$1.025.126
Months of O&M Reserves	22.44	28.14	27.35	11.57	19.73	9.59	3.00	3.05		
Fund 680 R&I Fund Balance	\$2,751,742	\$3,789,708	\$7,277,647	\$8,854,663	\$8,039,290	\$7,445,170	\$8,588,686	\$6,466,212	\$4,375,237	\$2,009,690
Fund 675 Fund Balance		\$10,084	(\$10,040)	\$174,708	\$1,861	\$703,790	\$991,865	\$997,465	\$570,565	\$570,565
Total FCWW Balance	\$9,520,248	\$12,051,355	\$16,168,208	\$12,594,138	\$13,536,353	\$11,672,624	\$10,582,243	\$8,480,939	\$5,970,928	\$3,605,380

City of North Ridgeville

Actual and Predicted Revenue

Alternative 2: Rate Increase (4% in 2019-2022) and Bond Issue (\$4 million in 2019) Accounts: 670.000.000000 to 680.695.610212

\$5,494,286 \$2,930 \$32,082 \$245,089 \$15,318 \$7,840 \$1,974,587 \$1,411,863 \$47,613 \$54,207 5219,77 2017 2018 (Predicted) 2019 (Predicted) (2020 (Predicted) 2021 (Predicted) 2022 (Predicted) \$6,075,090 \$458,383 \$3,879 \$30,126 \$236,947 \$1,664,133 \$0 \$15,142 \$18,000 \$1,103,514 \$5,179,380 \$207,175 \$50,394 \$5,741,044 \$9,947 \$470,236 \$75,274 \$0 \$33,940 \$18,000 \$49,525 \$4,882,523 \$3,222 \$28,632 \$232,568 \$1,421,373 \$444,970 \$5,443,710 \$432,387 \$8,478 \$80,169 \$195,301 \$2,676 \$28,112 \$239,836 \$77,422 \$184,107 \$67,655 \$18,000 \$46,662 \$3,528 \$3,705,915 \$7,717,578 \$4,602,680 55,189,728 \$4,000,000 \$0 \$0 \$2,324 \$26,836 \$233,450 \$0 \$67,964 \$18,000 \$65,438 \$414,020 \$4,512,431 \$4,926,443 \$883 \$770,000 \$1,586,490 \$1,404,594 \$84,470 51,088,000 \$258,615 \$0 \$35,780 \$59,500 \$21,379 \$0 \$0 \$19,320 \$2,264 \$43,558 \$0 \$0 \$0 \$0 \$0 \$0 \$4,835,171 \$1,861 \$0 \$0 \$0 \$1,861 \$431,429 \$78,787 \$5,275,587 \$44,953 \$0 \$0 \$1,231 \$4,320,950 2016 \$8,528 \$20,540 \$197,038 \$0 \$23,759 \$27,500 \$64,027 \$635 \$0 \$238,163 \$0 \$3,978,327 \$526,922 \$29,645 \$238,798 \$4,000,000 \$17,622 \$05,264 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$21,308 \$211,099 \$5,900,000 \$0 \$0 \$6,234,178 2015 \$324,139 \$4,259,515 \$22 \$0 \$25,562 \$275,465 \$553 \$18,553 \$0 \$32,627 \$0 \$0 \$0 \$0 \$0 \$0 \$3,080,000 \$116,369 \$0 \$2,300,000 2014 \$4,649,549 \$367,172 \$660 20 SS \$2,675,219 \$3,197,029 \$202,144 \$0 \$157,479 \$0 \$0 \$0 2013 \$4,397,198 \$18,506 8888 \$00,000 50 50 50 50 50 50 50 50 \$600 \$20,583 \$4,879,518 SD \$330,349 \$8,948 BOND ISSUE PREM IGAAP) Total: GOVDEALS-AUCTIONS / SALE OF CAP ASSETS Total: Rate Increase Revenue
USER CHARGES - INTERFUND Total:
IPT SURCHARGE Total:
LAB CHARGES Total:
LEACHATE FEES Total: Future Bond Proceeds
BOND PROCEEDS Total:
BOND ISSUE PREMS (GAAP) Total:
BANS PROCEEDS Total:
BANS PREMIUMS Total:
TRÂNSFERS-IN Total: BOND PROCEEDS Total: BOND ISSUE PREM (GAAP) Total: SEPTIC HAULER FEES TOTAL INTEREST INCOME Total: INTEREST INCOME Total SEWER TAP FEES Total: INTEREST INCOME Total: OTHER REVENUE Total: BOND PROCEEDS Total USER CHARGES Total TRANSFERS IN Total: End of Year Transfer RENTAL FEES Total: 670.000.500542 670.000.500573 670.000.500576 670.000.500579 675.000.700110 675.000.900111 680,000,900111 680,000,900113 680,000,900121 680,000,900122 680,000,950531 670.000.500541 670.000.700110 670.000.800190 670.000.800892 670.000.900111 670.000.900113 680.000.570542 670.000.960800 675.000.900113 675.000.950531 680.000,700110 675 Totals: Fund: 670 70 Totals 680 Totals: Fund: 680

Predicted Revenue

Future Increased Revenue

City of North Ridgeville
Actual and Predicted Expenses
Accounts: 670, 590, 000000 to 680,695,605,500
Alternative 47, Rate Increase (4%, In 2019-2022) and Bond Issu

		2013	2014	2015	2016	201717	018 (Predicted) 17	Old (Description)	TO Greaterant	121 Deadler adl 121	7.3 Demelined made
Fund: 670							מתכד (נובחרים)	6	in income it and	in the state of th	transpired to
Salary and Wages	The second secon	The second secon	The second second	Total Designation	The second second		A STREET, SQUARE, SQUA		Service Control of the last	2 00000	The same of the sa
670.690.100101	WAGES-SUPER Total:	\$147,603.56	\$163,205.50	\$173,904.07	\$170,921.17	\$177,771.12	\$171,681.54	\$176,641.58	\$179.409.41	5180,543,51	5182.525.72
670.690.100102	WAGES-STAFF Total:	5776,878.64	\$767,700.12	\$765,988.31	\$738,074,52	\$695,870.84	\$798,902.49	\$822,869.56	\$835,212.60	5843 564.73	SR49 891 47
670.690.100105	FOREMAN Total:	\$59,742.12	\$61,779.01	\$65,444.68	\$64,320.38	\$67,017.08	\$65,570.47	\$66,771.11	\$67,799.49	\$68.284 SR	\$69.101.20
670.690.1001.17	RETIREE/SEPARATION Total:	\$62,448.90	\$0.00	20:00	\$60,509.60	\$111.43	\$106,000.00	\$50,000,00	\$8,000,00	\$36,000,00	\$20,000 no
670.690.100120	OVERTIME Total:	\$131,433.61	\$148,636.55	\$133,772.57	\$138,448.96	\$52,278.07	\$35,000.00	\$40,000,00	\$40,800,00	\$41,616,00	\$42,448.37
670.690.100124	HDLIDAY PREMIUM Total:	8	2000			\$2,099.30	\$15,000.00	\$15,300.00	\$15,453.00	\$15,556.02	\$15,633.80
670.690.100127	CT CASH OUT Total:		100	8 9 9		\$61,637.59	\$60,000.00	\$61,200.00	\$61,812.00	\$62,224.08	\$62,535.20
670.690.100128	COMP ABSENCES Total:		0			\$22,709.08	\$25,000.00	\$25,500.00	\$25,755.00	525.926.70	\$26,0\$6.33
670.690.100130	LONGEVITY Total:	\$40,200.00	\$40,100.00	\$41,300.00	\$36,500.00	\$35,700.00	\$39,535.20	\$39,399,58	\$39,256.70	\$38,839.85	539,317.19
670.690 100190	OTHER COMP Total:	\$0.00	\$0.00	20.00	\$0.00	\$4,976.79	\$4,000.00	\$4,080.00	\$4,120.80	\$4,148.27	\$4,169.01
Employee Fringe Benefits		The particular	SCHOOL SECTION		The same of the same of		30	C. Section of the last			-
670.690 120125	EMPLOYEE BENEFITS Total:	\$317,245,54	\$321,211.97	\$334,834.11	\$371,206.60	\$343,793.05	\$344,411.42	\$349,953.26	\$355,816.48	\$360.096.88	\$357.830.50
670.690.120127	Employer HSA Contrib. Total:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
670.690.120155	RETIREMENT Total:	\$206,495.83	\$208,115.72	\$200,546.40	\$201,175.09	\$196,534.38	\$237,724.15	\$234,317.13	\$229,971.42	\$237,006.68	5236,102,08
670.690.130100	MEMBERSHIP/EDUCATION Total:	\$4,391.07	\$4,238.25	\$6,495.33	\$2,699.00	\$6,825.25	\$5,028.38	\$5,158.39	\$5,346.09	\$5,111.65	\$5,603.83
670.690.130120	TRAVEL/TRANSPORTATION Total:	\$428.80	\$446.55	\$296.36	\$152.50	\$856.33	S44.B3	\$448,10	\$448.42	\$479.44	\$\$46.13
670.690.130130	UNIFORMS Total:	\$4,873.63	\$6,149.91	\$5,568.10	\$5,841.48	\$5,608.33	\$5,720.46	\$5,893.21	\$5,840.84	\$5.896.48	\$5,907.70
Materials and Supplies	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO I	Street death from the second		Actual ship	1000	TO STATE OF THE PARTY OF THE PA					
670.690.210100	OFFICE SUPPLIES Total:	\$20,773.25	\$13,644.08	\$15,895.50	\$16,973.68	\$15,529.61	\$16,894.49	\$16,103.22	\$16,604.89	\$16,749.60	\$16,703.89
670.690.215100	OPERATING SUPPLIES Total:	\$46,919.64	\$45,642.08	\$41,025.17	\$23,592.50	\$20,945.24	\$36,337.42	\$34,178.65	\$31,840.11	\$29,966.36	\$31,266.63
670.690.215240	FUEL Total:	\$14,906.52	\$17,364.42	\$24,930.68	\$6,412.21	\$5,202,73	\$14,038.58	\$13,861.52	\$13,146.93	\$10,743.04	\$11,626.53
670.690.215247	MOTOR VEHICLE PARTS / SUPPLIES Total:					\$1,176.40	51,700.00	\$1,734.00	\$1,751.34	51,763.02	\$1.771.83
670.690.215255	UAB SUPPLY Total:	\$25,086.37	\$22,936.58	\$21,538.86	\$39,030.74	\$26,487.92	\$27,556.42	\$28,060.31	\$29,105.55	\$30,649.15	528,939.30
670.690.215257	CHEMICALS Total;	5146,652.54	\$141,634.59	\$139,836.32	\$117,818.45	\$90,773.51	\$129,889.94	\$126,470.37	\$123,376.87	\$120,019.15	\$120,468.09
670.690.215270	SMALL TOOLS / EQUIPMENT Total:					\$8,990.87	\$9,170.69	\$9,262.39	59,324.14	\$9,370.76	59,408.25
670.690.215290	OTHER OPERATING SUPPLIES Total:			Sec. 12.000	200	\$1,613.90	\$5,756.00	\$5,871.12	\$5,929.83	\$5,969,36	\$5,999.21
Contractual Services		September 200	P. SPASSO	THE STREET STREET	STATES STATISTICS	0.00	The state of the s	10000	9	or Printers and division in	Sept of the sept o
670.690.130150	PHYSICAL EXAMS Total:	\$484.00	\$414.00	\$308.00	\$403.00	\$325.00	\$394.54	\$376.29	\$368.59	\$380.95	\$376.45
670.690.130269	IPT - SAFETY & RELATED Total:	\$5,174.32	\$329.00	0.0		100		Se Company		100	
670.690.215260	IND PRETR'T Total:	\$12,771.94	\$8,237.67	\$16,181.75	\$9,863.71	\$4,936.00	\$10,000,00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
670.690.315100	COMMUNICATIONS Total;	\$20,228.01	\$19,857.82	\$17,644.31	\$17,549.77	\$273.77					
670.690.315110	PHONE Total:					\$7,112.15	\$18,000.00	\$15,000.00	\$15,300.00	\$15,606.00	\$15,918.12
670.690.315120	CELLULAR PHONE / DATA Total:					\$2,727.84	\$6,843.20	\$6,980.06	\$7,049,86	57,096.86	\$7,132.35
6/0.690.315130	NETWORK / INTERNET / CABLE Total					\$14,339.38	\$20,000.00	\$20,400.00	\$20,604.00	\$20,741.36	\$20,845.07
6/0.69U.3152UU	AOVERTISING Total:	\$1,609.93	\$2,853.79	53,088.71	\$2,978.57	\$2,188.14	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
620 600 330130	PROFESSIONAL SERVICE Total.	\$84,151.40	538,687.60	\$89,598.09	\$134,570.14	\$63,836.48	\$2,295.00	311.00			The state of the s
620 600 320120	ELICAL SEAVILES 1988:			Ì			\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
670 600 320460	AND DESCRING SCHALLS (GISE			1		\$66,881.59	\$126,806.65	\$50,000.00	\$51,000.00	\$52,020.00	\$53,060.40
DOLOGO CON COL	INFORMATION SECTIONS TOTAL					\$18,533.01	\$45,000.00	\$35,000.00	\$35,700,00	\$36,414.00	\$37,142,28
620 600 340190	USHEN PROFESSIONAL SVCS Total					\$15,008.24	\$54,049.72	\$40,000.00	\$40,800.00	\$41,616.00	\$42,448.32
6/U.b3U.34U1UU	NSUNANCE FOTAL	\$27,515.31	\$28,930.23	531,429.41	\$33,000.00	\$33,000.00	\$33,000.00	\$33,660.00	\$33,996.60	534,223.24	\$34,394.36
670.699.340115	REAL PROPERTY TAX & RELATED Total:			\$2,774.12	\$3,053.04					5 000	
0570507320730	OUTSIDE SERVICES Total:	\$27,968.45	\$29,800.00	55,746.50	\$9,789.15	\$10,933.98	100 100		2000		
670.690.350245	METER SVCS Total:	\$34,158.56	532,818,56	532,818.56	\$31,258.56	530,083.68	\$32,819.00	\$32,819.00	\$32,819.00	\$32,819.00	\$32,819.00
670.690.350250	O/S-SLUDGE PROCESSING Total:	\$285 567.34	\$220,000.00	\$240,000.00	\$244,942.88	\$160,000.00	\$320,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00
6/0.690.350800	IT UCENSES & SUPPORT Total:					\$2,738.09	\$18,940.00	\$19,887.00	\$20,384.18	\$20,723.91	\$20,982.96
670.690.400030	EQUIPMENT LEASING Total:					\$3,320.00	\$15,200.00	\$8,200.00	\$8,364.00	\$8,531.28	\$8,701.91
620 680 310300	The state of the s			OF THE OWNER, OW	The second second	Statement of the last		Spinster, Spinster,		The second second	-
articontaining	UNIUMES TOTAL	\$656,208.58	\$656,208.58 \$671,666.79	\$693,690.14	\$704,025.42	\$65,808.39					

City of North Ridgeville Actual and Predicted Expenses Accounts: 670.690.000000 to 680.695.605500

1

		2013	2014	2015	2016		2017 2018 (Predicted)	2019 (Predicted)	2020 (Predicted)	2021 (Predicted)	2022 Predicted
670.690.310110	ELECTRIC Total:					\$568,197.73	\$765.515.34	T S	18	S707 770 PD	\$716 215 AD
670.690.310120	WATER / SEWER Total:					55,046.08	\$5,953.92	\$6.073.00	\$6.133.73	\$6.174.62	\$6 205 49
670.690.310190	NATURAL GAS/OIL Total:						\$0.00		\$0.00	20.00	\$000
670.690.315100	OTHER UTILITIES Total						Sonos		20.00	\$0.00	10 mg-mg-m
Maintenance and Repair	The state of the s	The second second second second		A COLUMN TWO IS NOT THE OWNER.		THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN			arrae .	200	
670.690.220100	FACIUITIES MAINTENANCE TOTAL:	\$120,960.26	\$81,175.65	\$104,915.77	\$108,647.07	598.457.95	\$123,375,00	0005	COOD	SOLOS	SORO
670.690.220200	EQUIP MAINT / REPAIRS Total:	\$199,135.32	L.	\$485,966.86	\$176,841.04	5211.604.00	\$209.861.00	00.05	2005	9	CORO
670.690.320120	M&R Equipment							\$115,000,00	\$117.300.00	\$119 646.00	\$222 D38 92
670.690.320130	EQUIPMENT SRV PLANS Total						\$15,000,00	\$20,000,00	\$20,000,00	520,000,000	620 000 00
670.690.320210	M&R VEHICLES CITY GARAGE Total:						\$5,000.00	\$5 100 00	55 151 00	£5 195 24	CC 111 22
670.690.320400	M&R BUILDINGS Total:							\$165 ppp mg	\$168 300 00	¢171 666 PM	C175 000 37
670.690.320430	BLDG SERVICE AGREEMENTS Total:						4500.00		45.15 1m	CC18 C2	6631 13
670.690.320500	M&R Lands & Grounds							S	C3C E00 001	636 010 00	616 630 10
670.690.320830	SRV PLANS OFFICE EQUIP Total:						53 100 00	53 172 00	C1 132 22	C1 140 77	\$40,330.4U
670.690.400031	MAINT/SVC AGREEMENTS Total:					C1 227 76		2000000	44,444,66	O As A WOLF O	75,170,40
Capital Dutlay		TOTAL STREET,	Secretary Characteristics	The second second	The second second	Distant In		-	The second second second		
670.690.400050	EQUIPMENT OUTLAY Total:	\$48,656.46	\$51.787.75	\$130.081.89	521 501 A1	C81 870 88	CGB 115 37	C73 064 87	CTC 31E AB	CC 030 77	674 424 94
670.690.415302	VIDEO CAMERA UPGRADE PROJECT Total:			2650 00	C136 356 20	620 623 47	300,113.47	315,004,01	3/0,423.46	203,236.11	374,101.20
Other		Commence of the last of the la		No. of Co.	0170070070	14.755°236	The same of the same of	Management of the last of the			
670.690.510050	REFUNDS Total:	26 107 55									The same of the sa
670,690,590865	GOVDEAL STATISTION FEES Total:	A CONTRACTOR OF THE CONTRACTOR			603 30	6700.00					
501500 600106	ADMINISTRATIVE COST Total:	C70 500 00	630,600,00	000000000	0202000	3730.03	00000000	0000000			
Date Service		Deliver, etc		373.300.00	Ormoc's /c		03.00C,E3.EC	2250,000,00	2250,000,00	\$255,000.00	\$260,100,00
670.690.610201	BOND PRINCIPAL Total	\$310,000,00	\$370,000,00	6365,000,00	6370,000,00	000000000000000000000000000000000000000	Tree land		7	CONTRACTOR OF THE PERSONS	
670.690.610202	BOND INTERECT Total:	\$161.455.00	CEO 662 AB	CCD CCD CA	5570,000,00	6130,000,00					
570 690 610705	ROND FOCTS Total			To contact	644.003.03	200000					
670,690,610211	BANG PRINCIPAL Total:				CE DOU 000 000	Ī					
670.690.610212	BANS INTEREST Total:				568 836 11					I	
670 Subtotal		\$3.616.272.50	53.475.768.36	53 905 770 57	53 697 949 74	12 COC 172 LS	S4 408 131 10	\$4 DOS 785 73	CA ONG 265 GT	C4 0/C0 0/47 016	CA SINGENS BA
Transfers Out			-				\$1.858.000.00			and a contract of	A PART OF THE PART
End-of-year Transfer							\$633,711,002	53 205 914 90	\$1 421 173 45	\$1 664 132 £3	C1 974 CR7 38
670 Totals		\$4,087,727.50	53,896,431.84	\$4,331,430.21	\$4,331,430.21 \$10,125,763.28 \$4,043,707.07	\$4,043,707.07	56,899,842.10	57,711,700,62	\$5.428.140.12	55.733.180.61	\$6.075,090.22
Fund 675											The state of the s
675.692.610100	PRINCIPLE Total:	80.00	53,080,000.00	20.00	\$0.00	80.00	5540.000.00	\$550,000.00	\$560.000.00	\$580,000,00	\$170,000,000
675 692.610102	INTEREST Total:	\$0.00	\$37,459.95	\$10,062.40	\$64,089.52	\$0.00	\$162,665.00	\$153,790,00	\$139,419.00	\$125,019.00	\$108,119.00
	Future Debt Service							200	\$292,446.00	\$292,446.00	\$292,446.00
	Transfers Out to 680		1				S. S	\$2,717,578.00	\$432,386.72	\$1,103,514.28	\$1,411,862.53
675 Totaks		80.00	\$3,117,459.95	\$10,062.40	\$64,089.52	80.00	\$702,665,00	\$3,421,368.00	\$1,424,251.72	\$2,100,979.28	51,982,427.53
Fund 680			- 19		10 March 10		13.000.000.00	2000	2800000 OH 2		
56U. 593.35U245	METER SVC-MACH METERS TOTAL:						The state of the s		TO THE STATE OF TH	46	SE 1 1 - 1   10
680.695.400702	REPLACE/IMPROVEMENT Total:		\$5,713.00								Separation of
680.695.408443	SCADA COMPUTERIZATION Total:			\$20,372.00	\$100,693.15	\$150,746.85			The state of the s		
680.695.411412	CENTRIFUGE/SCRUBBER Total:	\$766,701.90	\$177,525.00	\$102.054.10	T	Section 1985			Will be a second		The second second
640.695.412705	WTRLN / WTR METER Total:	\$29,530.75			1000		10 NOSO N		THE REAL PROPERTY.		
640,695,413343	SECURITY SYSTEM Total:		\$19,738.00				The second second			CALL NO.	The second
680.695.413411	AUTOCLAVE Total:	\$6,295.85					The state of the s		0.00		Supplement of the supplement o
680.695.413415	BOBCAT W/ BRUSH HOG Total:	\$42,111.18				44	State of the last				the state of the s
680.695.413437	PORTABLE PUMP Total:	\$3,390.00				20	0.00		2011/09/09	No.	0.00
680,695,413445	SCISSOR LIFT-MAN LIFT Total:	\$6,000.00				8.5	Brook Street	200	A Proposition of the Party of t		The second second
680.695.413518	FORK LIFT/MAN CAGE Total:	\$25,000.00	E 600 - 100								10000
EGO COL STAPAS											

3

City of North Rugeville
Actual and Predicted Expenses
Accounts: 670.690.0000000 to 680.695.605500
Alternative 4: Rate Increase (4% in 2019-2022) and Bond Issue (54 million in 2019)

		2013	2014	2015	2016	TEACL	Illustrational at 10	the state of the s	the state of the state of	10 10 10 10	
680.695.413533	TRUCK/BOX/SADOLE TANK Total:	\$31,307.90					than it country)	לחום לכובחורובחו	בחקח לבו במוצובמ!	ZUZJ (Predicted)	ZDZZ (Predicted)
680.695.413710	INTERCEPTOR REPAIRS Total:	\$35,132.70	\$16,642.30	5776.257.89	\$57.987.74						
680.695.413813	BACK UP GENERATOR-ESCo PROJECT Total;		\$892,923.80	5946,892.13							
680.695.414302	GRIT SYSTEM UPGRADES Total:		\$34,027.68	\$119,995.79	\$1.078.536.39	\$129.357.72				-	
680.695.414304	ULTRA VIOLET SYSTEM REPLACEMENT Total:		\$70,020.65	\$351,148.48	\$1.159.274 DD	\$59 907 97					
680.695.415330	200hp INFLUENT PUMP VALVE Total:				\$155.177.30	C42 272 70	\$52 290 nn				
680.695.416205	MAIN BLDG ELEVATOR REPLACEMENT TOTAL:						\$350,000,000				
680.695.417016	CM TANK BLOWER Total:					\$10 689 AK	CA30 210 EA		-		
680.695.417017	FILTER UPGRADE Total:					\$47.040.00	\$469 AED OD				
680.695.417021	HVAC Replacement Total:				İ	C185 159 GD	C161 313 AD				
680.695.417027	SCADA SYSTEM UPGRADE Total:						690 000 000				
680.695.418015	CENTF MCC & TRANSFORMER Total:						2000000	6100,000,00			
680.695.418016	INTERCEP REPAIRS PH 2 Total:		T				CANG OOD OO	2100,000,00			
680.695.418017	INFLUENT PUMPS INSTALL Total:						annovana.	04 000 000 00			
680.695.418018	NON-POTABLE LINE UPGRADE Total:							25,600,000.00			
680.695.418019	POSITIVE DISPL PLIMP RPLC Total:		†				410,000,00	arranara e			
680.695.510050	REFUNDS Total:			42 85R OO	C3 ace on		parantase d				
	Dick Either Farmancion . toneands . tone Baston			20,000	Orrece'er						
	Colorado II-and							22,700,000.00	\$2,000,000.00		
	Succession upgrade										\$1,200,000,00
	Digester Blower and Air Manifold Upgrade - Engineering							\$30,000.00	7		
	Digester Blower and Air Manifold Upgrade - Installation								5200.000.00		
	CM TANK BLOWER - Installation						031-			\$2.500,000,00	\$2 500 000 00
	Centrifuge MCC and Transformer Upgrade - Installation			-					CADO DODO DO		
	Roofing Repairs				1			300		¢200 000 00	
	Interceptor Model for Basin Design								4100 000 00	Or marian of	
	Vehicle Replacement		ļ			İ			2000,000,00		
680 subtotal			İ	Ì						2,200,000,00	2200,000,00
CRO COE COCEDO	2000 000 000 000 000 000 000 000 000 00						\$1,982,372.94	\$5,530,000,00	\$2,800,000.00	\$3,400,000.00	\$3,900,000.00
CONTENTO	COMINGENET 10%):						\$198,237.29	00'000'855\$	\$280,000.00	\$340,000.00	\$390,000.00
bou rotars		\$954,020.28	\$954,020,28 \$1,216,590.43 \$2,320,578.39	_ 1	\$2,555,526.58	\$625,174.30	52,180,610.23	\$6,083,000.00	\$3,080,000.00	\$3,740,000.00	\$4,290,000.00

Items added from CIP 5-year schedule Predicted Expenses Future Debt Service / Transfers