

**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 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.

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
Assistant Clerk of Council

FCWWTP Rate Study Update North Ridgeville, Ohio



Findings and Recommendations

August 6, 2018

AECOM

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

– Interceptor Repairs – Phase 2 Construction	\$ 400,000
– Elevator Replacement	350,000
– 200hp Influent Pump Valve (ongoing from 2016)	52,290
– CM Tank Blower (ongoing from 2017)	429,311
– Filter Upgrade (ongoing from 2017)	469,460
– HVAC Replacement (ongoing from 2017)	161,312
– SCADA System Upgrade	90,000
– Positive Displacement Pump	30,000
– Contingency (10%)	198,237
2018 Total	\$2,180,610

2019 – 2022 FCWWTP CIP

- The 2019 CIP is anticipated to include the following:

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

2019 Total **\$ 6,083,000**

- The 2020 CIP is anticipated to include the following:

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

2020 Total **\$ 3,080,000**

2019 – 2022 FCWWTP CIP

- The 2021 CIP is anticipated to include the following:

– CM Tank Blower – Installation	\$2,500,000
– Roofing Replacements	700,000
– Miscellaneous Vehicles & Equipment	200,000
– Contingency (10%)	<u>340,000</u>
2021 Total	\$3,740,000
- The 2022 CIP is anticipated to include the following:

– Substation Upgrade	\$1,200,000
– CM Tank Blower – Installation	2,500,000
– Miscellaneous Vehicles & Equipment	200,000
– Contingency (10%)	<u>390,000</u>
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?

AECOM

Agenda

Meeting name French Creek Wastewater Treatment Plant Rates	Subject French Creek Rate Study Findings
Meeting date 8/6/18	Time 6:15 pm
Location 7307 Avon Belden Rd, North Ridgeville, Ohio 44039	Project name French Creek Rate Study
Prepared by Justine Rose, AECOM	

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 French Creek Rate Study	Prepared by 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 Goals

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
Alternative 1: Baseline

Item	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 (Predicted)	2019 (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	\$298,101
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	\$32,627	\$45,264	\$64,027	\$21,380	\$65,438	\$46,662	\$49,525	\$50,394	\$47,613
Interest Income Fund 670	\$10,506	\$18,553	\$17,622	\$23,758	\$35,780	\$67,964	\$67,655	\$33,940	\$15,142	\$15,318
Interest Income Fund 675		\$660	\$22	\$635	\$1,861	\$883	\$3,528	\$7,016	\$7,022	\$4,916
Interest Income Fund 680	\$9,948	\$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	\$0	\$0	\$0
BAN/Bond Proceeds 680	\$500,000	\$2,300,000	\$5,900,000	\$4,044,953	\$0	\$0	\$0	\$0	\$0	\$0
Total Income	\$5,718,815	\$10,874,584	\$10,789,008	\$9,161,270	\$5,787,665	\$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	\$728,119
BAN Payments (P&I)	\$978,221	\$503,242	\$2,322,936	\$5,958,836	\$0	\$0	\$0	\$0	\$0	\$0
Pay-as-you-go CIP	\$954,021	\$1,216,590	\$2,320,579	\$2,555,527	\$625,174	\$2,180,610	\$6,083,000	\$3,080,000	\$3,740,000	\$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	\$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										
Months of O&M Reserves	\$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
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

	2013	2014	2015	2016	2017	2018 (Predicted)	2019 (Predicted)	2020 (Predicted)	2021 (Predicted)	2022 (Predicted)
Fund: 670										
670.000.500541		\$4,397,198	\$4,649,549	\$4,259,515	\$4,978,327	\$4,835,171	\$4,512,431	\$4,535,939	\$4,512,762	\$4,564,425
Rate Increase Revenue							\$0	\$0	\$0	\$0
Rate Increases (%)							\$0	\$0	\$0	\$0
670.000.500542		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
USER CHARGES - INTERFUND Total:		\$600	\$0	\$0	\$8,528	\$2,264	\$2,324	\$2,676	\$3,222	\$3,879
670.000.500573		\$20,583	\$25,562	\$21,308	\$20,540	\$43,558	\$26,836	\$28,112	\$28,632	\$30,176
LAB CHARGES Total:		\$202,144	\$275,465	\$211,099	\$197,038	\$258,615	\$233,450	\$239,836	\$232,568	\$236,947
670.000.500579		\$83,008	\$553	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LEACHATE FEES Total:		\$18,506	\$18,553	\$17,622	\$23,759	\$35,780	\$67,964	\$67,655	\$33,940	\$15,318
670.000.500580		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SEPTIC HAULER FEES Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
670.000.700110		\$157,479	\$32,627	\$45,264	\$64,027	\$21,379	\$18,000	\$18,000	\$18,000	\$18,000
INTEREST INCOME Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
670.000.800190		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RENTAL FEES Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
670.000.800892		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTHER REVENUE Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
670.000.900111		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BOND PROCEEDS Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
670.000.900113		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BOND ISSUE PREM (GAAP) Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
670.000.900113		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BOND ISSUE PREM (GAAP) Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
670.000.950531		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TRANSFERS IN Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
670.000.950531		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TRANSFERS IN Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
670 Totals:		\$4,879,518	\$5,002,308	\$4,554,808	\$4,320,950	\$5,275,587	\$4,926,443	\$4,938,800	\$4,878,649	\$5,045,021
Fund: 675										
675.000.700110		\$0	\$660	\$22	\$635	\$1,861	\$883	\$3,528	\$7,016	\$7,022
INTEREST INCOME Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
675.000.900111		\$0	\$3,080,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BOND PROCEEDS Total:		\$0	\$116,369	\$0	\$238,163	\$0	\$0	\$0	\$0	\$0
675.000.900113		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BOND ISSUE PREM (GAAP) Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
675.000.950531		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TRANSFERS IN Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
675 Totals:		\$0	\$3,197,029	\$22	\$238,798	\$1,861	\$1,404,594	\$3,458,595	\$863,328	\$849,024
Fund: 680										
680.000.570542		\$330,349	\$367,172	\$324,139	\$526,922	\$431,429	\$414,020	\$431,516	\$444,970	\$470,236
SEWER TAP FEES Total:		\$8,948	\$8,047	\$10,039	\$29,645	\$78,787	\$84,470	\$77,422	\$60,377	\$34,221
680.000.700110		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
INTEREST INCOME Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
680.000.900111		\$0	\$0	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$0
BOND PROCEEDS Total:		\$0	\$0	\$0	\$44,953	\$0	\$0	\$0	\$0	\$0
680.000.900113		\$500,000	\$2,300,000	\$5,900,000	\$0	\$0	\$0	\$0	\$0	\$0
BOND ISSUE PREMS (GAAP) Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
680.000.900121		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BANS PROCEEDS Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
680.000.900122		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BANS PREMIUMS Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
680.000.950531		\$839,297	\$2,675,219	\$6,234,178	\$4,601,520	\$510,216	\$1,088,000	\$2,759,176	\$158,309	\$570,905
TRANSFERS-IN Total:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
680 Totals:		\$839,297	\$2,675,219	\$6,234,178	\$4,601,520	\$510,216	\$1,586,490	\$3,268,114	\$663,657	\$1,075,362

Predicted Revenue
Future Increased Revenue

City of North Ridgeville
Actual and Predicted Expenses
Accounts: 670.690.000000 to 680.695.605500
Alternative 1. Baseline

Fund: 670	2013	2014	2015	2016	2017 (Predicted)	2018 (Predicted)	2019 (Predicted)	2020 (Predicted)	2021 (Predicted)	2022 (Predicted)
Salary and Wages										
670.690.100101	\$147,603.66	\$163,205.50	\$173,904.07	\$170,921.17	\$177,771.12	\$177,681.54	\$176,641.58	\$179,409.41	\$180,543.51	\$182,525.72
WAGES-STAFF Total:	\$147,603.66	\$163,205.50	\$173,904.07	\$170,921.17	\$177,771.12	\$177,681.54	\$176,641.58	\$179,409.41	\$180,543.51	\$182,525.72
670.690.100102	\$776,876.64	\$767,700.12	\$765,988.31	\$736,074.52	\$695,870.84	\$798,902.49	\$822,869.56	\$835,212.60	\$843,564.73	\$849,891.47
FOREMAN Total:	\$776,876.64	\$767,700.12	\$765,988.31	\$736,074.52	\$695,870.84	\$798,902.49	\$822,869.56	\$835,212.60	\$843,564.73	\$849,891.47
670.690.100105	\$59,742.12	\$61,739.01	\$65,444.68	\$64,370.38	\$67,017.08	\$65,570.47	\$66,771.11	\$67,799.49	\$68,284.58	\$69,101.20
RETIREE/SEPARATION Total:	\$59,742.12	\$61,739.01	\$65,444.68	\$64,370.38	\$67,017.08	\$65,570.47	\$66,771.11	\$67,799.49	\$68,284.58	\$69,101.20
670.690.100117	\$62,448.90	\$0.00	\$0.00	\$60,509.60	\$111.43	\$106,000.00	\$50,000.00	\$8,000.00	\$36,000.00	\$20,000.00
OVERTIME Total:	\$62,448.90	\$0.00	\$0.00	\$60,509.60	\$111.43	\$106,000.00	\$50,000.00	\$8,000.00	\$36,000.00	\$20,000.00
670.690.100124	\$131,433.61	\$148,636.55	\$133,772.57	\$138,448.96	\$52,278.07	\$35,000.00	\$40,000.00	\$15,453.00	\$41,616.00	\$42,448.32
HOLIDAY PREMIUM Total:	\$131,433.61	\$148,636.55	\$133,772.57	\$138,448.96	\$52,278.07	\$35,000.00	\$40,000.00	\$15,453.00	\$41,616.00	\$42,448.32
670.690.100127					\$2,099.30	\$15,000.00	\$15,300.00	\$15,812.00	\$15,556.02	\$15,633.80
CT CASH OUT Total:					\$2,099.30	\$15,000.00	\$15,300.00	\$15,812.00	\$15,556.02	\$15,633.80
670.690.100128					\$61,637.59	\$60,000.00	\$61,200.00	\$61,812.00	\$62,224.08	\$62,535.20
COMP ABSENCES Total:					\$61,637.59	\$60,000.00	\$61,200.00	\$61,812.00	\$62,224.08	\$62,535.20
670.690.100130					\$22,709.08	\$25,000.00	\$25,500.00	\$25,755.00	\$25,925.70	\$26,056.33
LONGEVITY Total:					\$22,709.08	\$25,000.00	\$25,500.00	\$25,755.00	\$25,925.70	\$26,056.33
670.690.100130	\$40,700.00	\$40,100.00	\$41,300.00	\$36,500.00	\$35,700.00	\$39,535.20	\$39,399.58	\$39,256.70	\$38,839.86	\$39,317.19
OTHER COMP Total:	\$40,700.00	\$40,100.00	\$41,300.00	\$36,500.00	\$35,700.00	\$39,535.20	\$39,399.58	\$39,256.70	\$38,839.86	\$39,317.19
Employee Fringe Benefits										
670.690.120125	\$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
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	\$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
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	\$206,495.83	\$208,115.72	\$200,546.40	\$201,175.09	\$196,534.38	\$237,724.15	\$234,317.13	\$239,971.42	\$237,006.68	\$236,102.08
RETIREMENT Total:	\$206,495.83	\$208,115.72	\$200,546.40	\$201,175.09	\$196,534.38	\$237,724.15	\$234,317.13	\$239,971.42	\$237,006.68	\$236,102.08
670.690.130100	\$4,391.07	\$4,238.25	\$6,495.33	\$21,699.00	\$6,825.25	\$5,021.38	\$5,158.39	\$5,346.09	\$5,111.65	\$5,603.83
MEMBERSHIP/EDUCATION Total:	\$4,391.07	\$4,238.25	\$6,495.33	\$21,699.00	\$6,825.25	\$5,021.38	\$5,158.39	\$5,346.09	\$5,111.65	\$5,603.83
670.690.130120	\$428.80	\$446.55	\$296.36	\$152.50	\$856.33	\$444.83	\$448.10	\$448.42	\$479.44	\$546.13
TRAVEL/TRANSPORTATION Total:	\$428.80	\$446.55	\$296.36	\$152.50	\$856.33	\$444.83	\$448.10	\$448.42	\$479.44	\$546.13
670.690.130130	\$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
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										
670.690.210100	\$20,771.25	\$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
OFFICE SUPPLIES Total:	\$20,771.25	\$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	\$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
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	\$14,906.52	\$17,364.42	\$24,930.68	\$6,412.21	\$5,202.73	\$14,038.58	\$13,861.52	\$13,146.91	\$10,743.04	\$11,626.53
FUEL Total:	\$14,906.52	\$17,364.42	\$24,930.68	\$6,412.21	\$5,202.73	\$14,038.58	\$13,861.52	\$13,146.91	\$10,743.04	\$11,626.53
670.690.215247					\$1,176.40	\$1,700.00	\$1,734.00	\$1,751.34	\$1,763.02	\$1,771.81
MOTOR VEHICLE PARTS / SUPPLIES Total:					\$1,176.40	\$1,700.00	\$1,734.00	\$1,751.34	\$1,763.02	\$1,771.81
670.690.215255	\$25,086.37	\$22,936.58	\$21,538.86	\$39,030.74	\$26,487.92	\$27,556.42	\$28,060.31	\$29,105.54	\$30,649.15	\$28,939.30
LAB SUPPLY Total:	\$25,086.37	\$22,936.58	\$21,538.86	\$39,030.74	\$26,487.92	\$27,556.42	\$28,060.31	\$29,105.54	\$30,649.15	\$28,939.30
670.690.215257	\$146,657.54	\$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
CHEMICALS Total:	\$146,657.54	\$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					\$8,990.87	\$9,170.69	\$9,262.39	\$9,324.14	\$9,370.76	\$9,408.25
SMALL TOOLS / EQUIPMENT Total:					\$8,990.87	\$9,170.69	\$9,262.39	\$9,324.14	\$9,370.76	\$9,408.25
670.690.215290					\$1,613.90	\$5,756.00	\$5,871.12	\$5,929.83	\$5,969.36	\$5,999.21
OTHER OPERATING SUPPLIES Total:					\$1,613.90	\$5,756.00	\$5,871.12	\$5,929.83	\$5,969.36	\$5,999.21
Contractual Services										
670.690.310150	\$484.00	\$414.00	\$308.00	\$403.00	\$325.00	\$394.54	\$376.29	\$368.59	\$380.95	\$376.45
PHYSICAL EXAMS Total:	\$484.00	\$414.00	\$308.00	\$403.00	\$325.00	\$394.54	\$376.29	\$368.59	\$380.95	\$376.45
670.690.310269	\$5,174.32	\$329.00								
IFT - SAFETY & RELATED Total:	\$5,174.32	\$329.00								
670.690.315160	\$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
IND PRETRT 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	\$20,228.01	\$19,857.82	\$17,644.31	\$17,549.77	\$273.77					
COMMUNICATIONS Total:	\$20,228.01	\$19,857.82	\$17,644.31	\$17,549.77	\$273.77					
670.690.315110					\$7,112.15	\$18,000.00	\$15,000.00	\$15,300.00	\$15,606.00	\$15,918.12
PHONE Total:					\$7,112.15	\$18,000.00	\$15,000.00	\$15,300.00	\$15,606.00	\$15,918.12
670.690.315120					\$2,727.84	\$6,843.20	\$6,980.06	\$7,049.86	\$7,096.86	\$7,132.35
CELLULAR PHONE / DATA Total:					\$2,727.84	\$6,843.20	\$6,980.06	\$7,049.86	\$7,096.86	\$7,132.35
670.690.315130					\$14,335.38	\$20,000.00	\$20,400.00	\$20,604.00	\$20,741.36	\$20,845.07
NETWORK / INTERNET / CABLE Total:					\$14,335.38	\$20,000.00	\$20,400.00	\$20,604.00	\$20,741.36	\$20,845.07
670.690.315200					\$2,978.57	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
ADVERTISING Total:					\$2,978.57	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
670.690.330100	\$1,609.93	\$2,853.79	\$3,088.71	\$2,978.57	\$2,184.14	\$2,295.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
PROFESSIONAL SERVICE Total:	\$1,609.93	\$2,853.79	\$3,088.71	\$2,978.57	\$2,184.14	\$2,295.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
670.690.330120	\$84,151.40	\$38,687.60	\$89,598.09	\$134,570.14	\$63,836.48	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
LEGAL SERVICES Total:	\$84,151.40	\$38,687.60	\$89,598.09	\$134,570.14	\$63,836.48	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
670.690.330130					\$66,881.59	\$126,806.65	\$50,000.00	\$51,000.00	\$52,070.00	\$53,060.40
ENGINEERING SERVICES Total:					\$66,881.59	\$126,806.65	\$50,000.00	\$51,000.00	\$52,070.00	\$53,060.40
670.690.330160					\$18,533.01	\$45,000.00	\$35,000.00	\$35,700.00	\$36,414.00	\$37,142.28
INFORMATION TECHNOLOGY Total:					\$18,533.01	\$45,000.00	\$35,000.00	\$35,700.00	\$36,414.00	\$37,142.28
670.690.330190					\$15,008.24	\$54,049.72	\$40,800.00	\$40,800.00	\$41,616.00	\$42,448.32
OTHER PROFESSIONAL SVCS Total:					\$15,008.24	\$54,049.72	\$40,800.00	\$40,800.00	\$41,616.00	\$42,448.32
670.690.340115	\$27,515.31	\$28,930.23	\$31,429.41	\$33,000.00	\$33,000.00	\$33,000.00	\$33,660.00	\$33,996.60	\$34,223.24	\$34,394.36
REAL PROPERTY TAX & RELATED Total:	\$27,515.31	\$28,930.23	\$31,429.41	\$33,000.00	\$33,000.00	\$33,000.00	\$33,660.00	\$33,996.60	\$34,223.24	\$34,394.36
670.690.350230					\$10,933.98					
OUTSIDE SERVICES Total:					\$10,933.98					
670.690.350245	\$27,968.45	\$29,800.00	\$5,746.50	\$9,789.15	\$30,083.68	\$32,819.00	\$32,819.00	\$32,819.00	\$32,819.00	\$32,819.00
METER SVCS Total:	\$27,968.45	\$29,800.00	\$5,746.50	\$9,789.15	\$30,083.68	\$32,819.00	\$32,819.00	\$32,819.00	\$32,819.00	\$32,819.00
670.690.350250	\$34,158.56	\$32,818.56	\$32,818.56	\$31,258.56	\$160,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00
W/S-SLUDGE PROCESSING Total:	\$34,158.56	\$32,818.56	\$32,818.56	\$31,258.56	\$160,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00
670.690.350800	\$285,567.34	\$220,000.00	\$240,000.00	\$244,942.88	\$160,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00
IT LICENSES & SUPPORT Total:	\$285,567.34	\$220,000.00	\$240,000.00	\$244,942.88	\$160,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00
670.690.400030					\$2,730.09	\$18,940.00	\$19,887.00	\$20,384.18	\$20,723.91	\$20,982.96
EQUIPMENT LEASING Total:					\$2,730.09	\$18,940.00	\$19,887.00	\$20,384.18	\$20,723.91	\$20,982.96
Utilities										
670.690.310100	\$656,208.58	\$671,666.79	\$693,690.14	\$704,025.42	\$65,808.38					

City of North Ridgeville

Actual and Predicted Expenses

Accounts: 670.690.000000 to 680.69\$.605500

Alternative 1: Baseline

Maintenance and Repair										
	2013	2014	2015	2016	2017	2018 (Predicted)	2019 (Predicted)	2020 (Predicted)	2021 (Predicted)	2022 (Predicted)
ELECTRIC Total:										
670.690.310110										
670.690.310120										
WATER / SEWER Total:										
670.690.310130										
670.690.310190										
NATURAL GAS/OIL Total:										
670.690.315100										
OTHER UTILITIES Total:										
FACILITIES MAINTENANCE Total:										
670.690.220100	\$120,960.26	\$81,175.65	\$104,915.77	\$108,647.07	\$98,457.95	\$123,375.00	\$123,375.00	\$0.00	\$0.00	\$0.00
EQUIP MAINT / REPAIRS Total:	\$199,135.32	\$246,904.17	\$485,966.86	\$176,841.04	\$211,604.00	\$209,861.00	\$209,861.00	\$0.00	\$0.00	\$0.00
M&R Equipment										
670.690.320120										
EQUIPMENT SRV PLANS Total:										
670.690.320130										
M&R VEHICLES CITY GARAGE Total:										
670.690.320210										
M&R BUILDINGS Total:										
670.690.320400										
BLDG SERVICE AGREEMENTS Total:										
670.690.320430										
M&R Lands & Grounds										
670.690.320500										
SRV PLANS OFFICE EQUIP Total:										
670.690.320830										
MAINT/SVC AGREEMENTS Total:										
670.690.400031										
EQUIPMENT OUTLAY Total:										
670.690.400050	\$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			\$650.00	\$126,756.30	\$29,532.47					
Other										
670.690.510050	\$6,102.50									
670.690.590865										
GOVDEALS/AUCTION FEES Total:										
670.690.605106										
ADMINISTRATIVE COST Total:										
670.690.605106										
BOND PRINCIPAL Total:										
670.690.610201	\$310,000.00	\$370,000.00	\$365,000.00	\$370,000.00	\$530,000.00					
670.690.610202	\$161,455.00	\$50,663.48	\$60,659.64	\$54,025.00	\$170,414.76					
670.690.610205										
BANDS COSTS Total:										
670.690.610211										
BANDS PRINCIPAL Total:										
670.690.610212										
BANDS INTEREST Total:										
670.690.610212	\$3,616,272.50	\$3,475,768.36	\$3,905,770.57	\$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
670 Subtotal										
Transfers Out										
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
End-of-year Transfer										
670 Totals										
Fund 675										
PRINCIPLE Total:	\$0.00	\$3,080,000.00	\$0.00	\$0.00	\$0.00	\$540,000.00	\$550,000.00	\$560,000.00	\$580,000.00	\$170,000.00
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										
Transfers Out to 680										
675 Totals	\$0.00	\$3,117,459.95	\$10,062.40	\$64,089.52	\$0.00	\$702,665.00	\$703,790.00	\$699,418.00	\$705,038.00	\$278,119.00
Fund: 680										
METER SVC-HIGH METERS Total:										
680.695.350245										
680.695.400702										
REPLACE/IMPROVEMENT Total:										
680.695.400843										
SCADA COMPUTERIZATION Total:										
680.695.411412	\$766,701.90	\$177,525.00	\$20,372.00	\$100,693.15	\$150,746.85					
CENTRIFUGE/SCRUBBER Total:										
680.695.411705	\$29,530.75									
WTRLN / WTR METER Total:										
680.695.413343										
SECURITY SYSTEM Total:										
680.695.413411	\$6,295.85									
AUTOCLAVE Total:										
680.695.413415	\$42,111.18									
BOBCAT W/ BRUSH HOG Total:										
680.695.413437	\$3,390.00									
PORTABLE PUMP Total:										
680.695.413445	\$6,000.00									
SCISSOR LIFT-MAN LIFT Total:										
680.695.413518	\$25,000.00									
FORK LIFT/MAN CAGE Total:										
680.695.413532	\$8,550.00									
TRAILER Total:										

Alternative 1: Baseline

[illegible]

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

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

Item	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 (Predicted)	2019 (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	\$4,786,787	\$5,077,824	\$5,386,555	\$5,714,058
Other Fees and Charges (670)	\$306,335	\$301,580	\$237,407	\$254,838	\$383,257	\$280,610	\$288,624	\$287,422	\$288,953	\$298,101
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	\$32,627	\$45,264	\$64,027	\$21,380	\$65,438	\$46,662	\$49,525	\$50,394	\$47,613
Interest Income Fund 670	\$18,506	\$18,553	\$17,622	\$23,758	\$35,780	\$67,964	\$67,655	\$33,940	\$15,142	\$15,318
Interest Income Fund 675	\$660	\$660	\$22	\$635	\$1,861	\$883	\$3,528	\$8,478	\$9,947	\$7,840
Interest Income Fund 680	\$8,948	\$8,047	\$10,039	\$29,646	\$78,787	\$84,470	\$77,422	\$80,169	\$75,274	\$54,207
Subtotal Revenues	\$5,218,815	\$5,378,188	\$4,889,008	\$4,878,154	\$5,787,665	\$5,425,816	\$5,702,195	\$5,977,328	\$6,296,501	\$6,595,521
Bond Proceeds 675		\$3,196,396		\$238,163		\$0	\$0	\$0	\$0	\$0
BAN/Bond Proceeds 680	\$500,000	\$7,300,000	\$5,900,000	\$4,044,953	\$0	\$0	\$4,000,000	\$0	\$0	\$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	\$703,790	\$991,865	\$997,465	\$570,565
BAN Payments (P&I)	\$978,221	\$503,242	\$2,322,936	\$5,958,836		\$0	\$0	\$0	\$0	\$0
Pay-as-you-go CIP	\$954,021	\$1,216,590	\$2,320,579	\$2,855,527	\$625,174	\$2,180,510	\$6,083,000	\$3,080,000	\$3,740,000	\$4,290,000
Costs 675	\$3,186,972	\$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										
Months of O&M Reserves	\$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
Fund 680 R&I Fund Balance	22.44	28.14	27.35	11.57	19.73	9.59	3.00	3.05	3.02	3.00
Fund 675 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
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

Accounts: 670.000.000000 to 680.695.610212

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

Fund: 670		2013	2014	2015	2016	2017	2018 (Predicted)	2019 (Predicted)	2020 (Predicted)	2021 (Predicted)	2022 (Predicted)
670.000.500541	USER CHARGES Total:	\$4,387,198	\$4,649,549	\$4,259,515	\$3,978,327	\$4,835,171	\$4,512,431	\$4,607,680	\$4,882,523	\$5,179,380	\$5,494,286
	Rate Increase (%)						0	4	4	4	4
670.000.500542	USER CHARGES - INTERFUND Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$184,107	\$195,301	\$207,175	\$219,771
670.000.500573	IPT SURCHARGE Total:	\$600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
670.000.500576	LAB CHARGES Total:	\$20,583	\$25,562	\$21,308	\$20,540	\$2,264	\$2,324	\$2,676	\$3,222	\$3,879	\$4,930
670.000.500579	LEACHATE FEES Total:	\$202,144	\$275,465	\$211,099	\$197,038	\$43,558	\$26,836	\$28,112	\$28,632	\$30,126	\$32,082
670.000.500580	SEPTIC HAULER FEES Total:	\$83,008	\$553	\$0	\$0	\$258,615	\$233,450	\$139,836	\$232,568	\$236,947	\$245,089
670.000.700110	RENTAL 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	\$0	\$27,500	\$59,500	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000
670.000.800892	OTHER REVENUE Total:	\$157,479	\$32,627	\$45,264	\$64,027	\$21,379	\$65,438	\$46,662	\$49,575	\$50,394	\$47,613
670.000.900111	BOND PROCEEDS Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
670.000.900113	BOND ISSUE PREM (GAAP) Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
670.000.960800	GOVDEALS-AUCTIONS / SALE OF CAP ASSETS Total:	\$0	\$0	\$0	\$1,231	\$19,320	\$0	\$0	\$0	\$0	\$0
670 Totals:		\$4,879,518	\$5,002,308	\$4,554,808	\$4,320,950	\$5,275,587	\$4,926,443	\$5,189,728	\$5,443,710	\$5,741,044	\$6,075,090
Fund: 675											
675.000.700110	INTEREST INCOME Total:	\$0	\$660	\$22	\$635	\$1,861	\$883	\$3,528	\$8,478	\$9,947	\$7,840
675.000.900111	BOND PROCEEDS Total:	\$0	\$3,080,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
675.000.900113	BOND ISSUE PREM (GAAP) Total:	\$0	\$116,369	\$0	\$238,163	\$0	\$0	\$0	\$0	\$0	\$0
675.000.950531	TRANSFERS IN Total:	\$0	\$0	\$0	\$0	\$0	\$770,000	\$3,705,915	\$1,421,373	\$1,664,133	\$1,974,587
675 Totals:	End of Year Transfer	\$0	\$3,197,029	\$22	\$238,798	\$1,861	\$1,404,594	\$3,709,443	\$1,429,852	\$1,674,079	\$1,982,428
Fund: 680											
680.000.570542	SEWER TAP FEES Total:	\$330,349	\$367,172	\$374,139	\$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	\$80,169	\$75,274	\$54,207
	Future Bond Proceeds							\$4,000,000			
680.000.900111	BOND PROCEEDS Total:	\$0	\$0	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0
680.000.900113	BOND ISSUE PREM (GAAP) Total:	\$0	\$0	\$0	\$44,953	\$0	\$0	\$0	\$0	\$0	\$0
680.000.900121	BANS PROCEEDS Total:	\$500,000	\$2,300,000	\$5,900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
680.000.900122	BANS PREMIUMS Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
680.000.950531	TRANSFERS-IN Total:	\$839,297	\$2,675,219	\$6,234,178	\$4,601,520	\$510,216	\$1,088,000	\$2,717,578	\$432,387	\$1,103,514	\$1,411,863
680 Totals:		\$839,297	\$2,675,219	\$6,234,178	\$4,601,520	\$510,216	\$1,586,490	\$7,226,516	\$957,526	\$1,649,025	\$1,924,453

Predicted Revenue
Future Increased Revenue

City of North Ridgeville
Actual and Predicted Expenses
Accounts: 670 690 000000 to 680 695 605500
Alternative 4: Rate Increase (4% in 2019-2022) and Bond Issue (\$4 million in 2019)

Fund: 670	2013	2014	2015	2016	2017 (Predicted)	2018 (Predicted)	2019 (Predicted)	2020 (Predicted)	2021 (Predicted)	2022 (Predicted)
Salary and Wages										
670 690 100101	\$147,603.66	\$163,205.50	\$173,904.07	\$170,921.17	\$177,771.12	\$171,681.54	\$176,641.58	\$179,409.41	\$180,543.51	\$182,525.72
670 690 100102	\$776,878.64	\$767,700.12	\$765,988.31	\$738,074.52	\$695,870.84	\$798,902.49	\$822,869.56	\$835,212.60	\$843,564.73	\$849,891.47
670 690 100105	\$59,742.12	\$61,779.01	\$65,444.68	\$64,320.38	\$67,017.08	\$65,570.47	\$66,771.11	\$67,799.49	\$68,284.58	\$69,101.20
670 690 100117	\$62,448.90	\$0.00	\$0.00	\$60,509.60	\$111.43	\$106,000.00	\$50,000.00	\$0.00	\$36,000.00	\$20,000.00
670 690 100120	\$131,433.61	\$148,636.55	\$133,772.57	\$138,448.96	\$52,278.07	\$35,000.00	\$40,000.00	\$40,000.00	\$41,616.00	\$42,448.32
670 690 100124					\$2,099.30	\$15,000.00	\$15,300.00	\$15,453.00	\$15,556.02	\$15,633.80
670 690 100127					\$61,637.59	\$60,000.00	\$61,200.00	\$61,812.00	\$62,224.08	\$62,535.20
670 690 100128					\$22,709.08	\$25,000.00	\$25,500.00	\$25,755.00	\$25,976.70	\$26,056.33
670 690 100130	\$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	\$39,317.19
670 690 100190	\$0.00	\$0.00	\$0.00	\$0.00	\$4,976.79	\$4,000.00	\$4,080.00	\$4,120.80	\$4,148.27	\$4,169.01
Employee Fringe Benefits										
670 690 120125	\$317,245.54	\$321,211.97	\$334,834.11	\$371,206.60	\$343,793.05	\$344,411.42	\$349,953.26	\$355,816.48	\$360,096.38	\$367,830.50
670 690 120127	\$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	\$706,495.83	\$208,115.72	\$200,546.40	\$201,175.09	\$196,534.38	\$237,724.15	\$234,317.13	\$239,971.42	\$237,006.68	\$236,102.08
670 690 130100	\$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	\$428.80	\$446.55	\$296.16	\$152.50	\$856.33	\$444.83	\$448.10	\$448.42	\$479.44	\$546.13
670 690 130130	\$4,873.63	\$6,149.91	\$5,568.10	\$5,841.48	\$5,608.33	\$5,720.46	\$5,893.21	\$5,840.84	\$5,856.48	\$5,907.70
Materials and Supplies										
670 690 210100	\$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	\$46,919.64	\$45,643.08	\$41,075.17	\$23,592.50	\$20,945.24	\$36,337.42	\$34,178.65	\$31,840.11	\$29,966.36	\$31,266.63
670 690 215240	\$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	\$11,626.63
670 690 215247					\$1,176.40	\$1,700.00	\$1,724.00	\$1,751.34	\$1,763.02	\$1,771.83
670 690 215255	\$25,086.37	\$21,936.58	\$21,538.86	\$39,030.74	\$26,487.92	\$27,556.42	\$28,060.31	\$29,105.51	\$30,649.15	\$28,939.30
670 690 215257	\$146,652.54	\$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					\$8,990.87	\$9,170.69	\$9,262.39	\$9,324.14	\$9,370.76	\$9,408.25
670 690 215290					\$1,613.90	\$5,756.00	\$5,873.12	\$5,979.83	\$5,969.36	\$5,999.21
Contractual Services										
670 690 130150	\$484.00	\$414.00	\$308.00	\$403.00	\$325.00	\$394.54	\$376.29	\$368.59	\$380.95	\$376.45
670 690 130269	\$5,174.32	\$329.00								
670 690 130260	\$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	\$20,228.01	\$19,857.82	\$17,644.31	\$17,549.77	\$273.77					
670 690 315110					\$7,112.15	\$18,000.00	\$15,000.00	\$15,300.00	\$15,606.00	\$15,918.12
670 690 315120					\$2,727.84	\$6,843.20	\$6,980.06	\$7,049.86	\$7,096.86	\$7,132.35
670 690 315130	\$1,609.93	\$2,853.79	\$3,088.71	\$2,978.57	\$14,339.38	\$20,000.00	\$20,400.00	\$20,604.00	\$20,741.36	\$20,845.07
670 690 330100	\$84,151.40	\$38,687.60	\$89,598.09	\$134,570.14	\$63,836.48	\$2,295.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
670 690 330120						\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
670 690 330130					\$66,881.59	\$126,806.65	\$50,000.00	\$51,000.00	\$52,020.00	\$53,060.40
670 690 330160					\$18,533.01	\$45,000.00	\$35,000.00	\$35,700.00	\$36,414.00	\$37,142.28
670 690 330190					\$15,008.24	\$54,049.72	\$40,000.00	\$40,800.00	\$41,616.00	\$42,448.32
670 690 340100	\$27,515.31	\$28,930.23	\$31,429.41	\$33,000.00	\$33,000.00	\$33,000.00	\$33,650.00	\$33,996.60	\$34,223.24	\$34,394.36
670 690 340115			\$2,774.12	\$3,053.04						
670 690 350230	\$27,968.45	\$29,800.00	\$5,746.50	\$9,789.15	\$10,933.98					
670 690 350245	\$34,150.56	\$32,818.56	\$32,818.56	\$31,258.56	\$30,083.68	\$32,819.00	\$32,819.00	\$32,819.00	\$32,819.00	\$32,819.00
670 690 350250	\$285,567.34	\$270,000.00	\$240,000.00	\$244,942.88	\$160,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00
670 690 350800					\$2,738.09	\$18,940.00	\$19,887.00	\$20,384.18	\$20,723.91	\$20,982.96
670 690 400030					\$3,320.00	\$15,200.00	\$4,700.00	\$8,364.00	\$8,531.28	\$8,701.91
Utilities										
670 690 310100	\$656,208.58	\$671,666.79	\$693,690.14	\$704,025.42	\$65,808.38					

Alternative 4: Rate Increase (4% in 2019-2022) and Bond Issue (\$4 million in 2019)

Alternative 4: Rate Increase (4% in 2019-2022)

Information is available at: <http://www.amsi.org.au/AboutAMS/ContactUs.aspx>

	2013	2014	2015	2016	2017	2018 (Predicted)	2019 (Predicted)	2020 (Predicted)	2021 (Predicted)	2022 (Predicted)
670.690.310110										
ELECTRIC Total:					\$568,197.73	\$785,515.34	\$685,000.00	\$702,270.00	\$716,315.40	
670.690.310120						\$5,953.92	\$6,073.00	\$6,174.62	\$6,205.49	
WATER / SEWER Total:					\$5,046.08		\$0.00	\$0.00	\$0.00	
670.690.310190							\$0.00	\$0.00	\$0.00	
NATURAL GAS/OIL Total:							\$0.00	\$0.00	\$0.00	
670.690.315100							\$0.00	\$0.00	\$0.00	
OTHER UTILITIES Total:							\$0.00	\$0.00	\$0.00	
Maintenance and Repair										
670.690.720100										
FACILITIES MAINTENANCE Total:	\$120,960.26	\$81,175.65	\$104,915.77	\$108,647.07	\$98,457.95	\$123,375.00	\$0.00	\$0.00	\$0.00	\$0.00
670.690.720200	\$199,135.32	\$246,904.17	\$485,966.86	\$176,841.04	\$211,604.00	\$209,861.00	\$0.00	\$0.00	\$0.00	\$0.00
EQUIP MAINT / REPAIRS Total:							\$0.00	\$0.00	\$0.00	\$0.00
670.690.720120							\$115,000.00	\$117,300.00	\$119,646.00	\$122,038.92
M&R Equipment							\$0.00	\$0.00	\$0.00	\$0.00
670.690.720130							\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
EQUIPMENT SRV PLANS Total:							\$5,100.00	\$5,151.00	\$5,185.34	\$5,211.27
670.690.720210							\$165,000.00	\$168,300.00	\$171,666.00	\$175,099.32
M&R VEHICLES CITY GARAGE Total:							\$510.00	\$515.10	\$518.53	\$521.13
670.690.720400							\$25,000.00	\$25,500.00	\$26,010.00	\$26,530.20
M&R BUILDINGS Total:							\$1,122.00	\$1,133.22	\$1,140.77	\$1,146.48
BLDG SERVICE AGREEMENTS Total:										
670.690.720430										
M&R Land & Grounds										
670.690.720500										
SRV PLANS OFFICE EQUIP Total:										
670.690.720830										
MAINT/SVC AGREEMENTS Total:										
670.690.400031										
EQUIPMENT OUTLAY Total:	\$48,656.46	\$51,787.75	\$130,081.89	\$21,501.41	\$81,870.88	\$68,115.27	\$76,225.48	\$65,238.77	\$74,161.20	
670.690.413302			\$650.00	\$126,256.30	\$29,532.47					
VIDEO CAMERA UPGRADE PROJECT Total:										
670.690.510030										
REFUNDS Total:	\$6,102.50			\$92.30	\$790.89					
670.690.590855										
GOVDEALS/AUCTION FEES Total:										
670.690.605106										
ADMINISTRATIVE COST Total:	\$79,500.00	\$79,500.00	\$79,500.00	\$79,500.00		\$329,500.00	\$250,000.00	\$255,000.00	\$260,100.00	
670.690.610201										
BOND PRINCIPAL Total:	\$310,000.00	\$370,000.00	\$385,000.00	\$370,000.00	\$530,000.00					
670.690.610202	\$161,455.00	\$50,663.48	\$60,659.64	\$54,025.00	\$170,414.76					
BOND INTEREST Total:										
670.690.610205										
BOND COSTS Total:										
670.690.610211										
BANS PRINCIPAL Total:										
670.690.610212										
BANS INTEREST Total:										
670 Subtotal	\$3,616,272.50	\$3,475,768.36	\$3,905,770.57	\$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						\$1,858,000.00				
End-of-year Transfer						\$633,711.05	\$3,705,914.90	\$1,421,373.45	\$1,664,132.63	\$1,974,587.36
670 Totals	\$4,087,722.50	\$3,896,431.84	\$4,331,430.21	\$10,124,763.28	\$4,043,707.07	\$6,899,842.10	\$7,711,700.62	\$5,478,140.12	\$5,733,180.61	\$6,075,090.22
Fund 675										
675.692.610100										
PRINCIPLE Total:	\$0.00	\$3,080,000.00	\$0.00	\$0.00	\$0.00	\$540,000.00	\$550,000.00	\$560,000.00	\$580,000.00	\$170,000.00
675.692.610102	\$0.00	\$37,459.95	\$10,062.40	\$64,089.52	\$0.00	\$162,665.00	\$139,419.00	\$125,019.00	\$108,119.00	\$108,119.00
INTEREST Total:										
Future Debt Service										
Transfers Out to 680										
675 Totals	\$0.00	\$3,117,459.95	\$10,062.40	\$64,089.52	\$0.00	\$702,665.00	\$691,418.00	\$685,018.00	\$688,118.00	\$288,118.00
Fund 680										
680.695.350245										
METER SVC-HACH METERS Total:										
680.695.400702										
REPLACE/IMPROVEMENT Total:		\$5,713.00								
680.695.408443										
SCADA COMPUTERIZATION Total:										
680.695.411412										
CENTRIFUGE/SCRUBBER Total:	\$766,701.90	\$177,525.00	\$20,372.00	\$100,693.15	\$150,746.85					
680.695.413343	\$29,530.75									
WTRIN / WTR METER Total:										
680.695.413343										
SECURITY SYSTEM Total:										
680.695.413411										
AUTOCLOVE Total:	\$6,295.85									
680.695.413415	\$42,111.18									
BOBCAT W/ BRUSH HOG Total:	\$3,390.00									
680.695.413437										
PORTABLE PUMP Total:										
680.695.413445	\$6,000.00									
SCISSOR LIFT/MAN LIFT Total:										
680.695.413518	\$25,000.00									
FORK LIFT/MAN CAGE Total:										
680.695.413532	\$8,550.00									
TRAILER Total:										

City of North Ridgeville
Actual and Predicted Expenses
Accounts: 670.690.000000 to 680.695.605500
Alternative 4: Rate Increase (N in 2019-2022) and Bond Issue (\$4 million in 2019)

	2013	2014	2015	2016	2017	2018 (Predicted)	2019 (Predicted)	2020 (Predicted)	2021 (Predicted)	2022 (Predicted)
680.695.413533										
TRUCK/BOX/SADDER TANK Total:	\$31,307.90									
680.695.413710	\$35,132.70	\$16,642.30	\$776,257.89	\$57,987.74						
INTERCEPTOR REPAIRS Total:										
680.695.413813		\$892,923.80	\$946,892.13							
BACK UP GENERATOR-ESCO PROJECT Total:										
680.695.414302		\$34,027.68	\$119,995.79	\$1,078,536.39	\$129,357.72					
GRIT SYSTEM UPGRADES Total:										
680.695.414304		\$70,020.65	\$551,148.48	\$1,155,274.00	\$59,907.97					
ULTRA VIOLET SYSTEM REPLACEMENT Total:										
680.695.415330										
200hp INFLUENT PUMP VALVE Total:										
680.695.416205										
MAIN BLDG ELEVATOR REPLACEMENT Total:										
680.695.417016										
CM TANK BLOWER Total:										
680.695.417017										
FILTER UPGRADE Total:										
680.695.417021										
HVAC Replacement Total:										
680.695.418015										
SCADA SYSTEM UPGRADE Total:										
680.695.418016										
CENT MCC & TRANSFORMER Total:										
680.695.418017										
INTERCEPTOR PH 2 Total:										
680.695.418018										
INFLUENT PUMPS INSTALL Total:										
680.695.418019										
NON-POTABLE LINE UPGRADE Total:										
680.695.510050										
POSITIVE DISPL PUMP REPL Total:										
REFUNDS Total:										
DATA Filter Expansion - Upgrade - Installation			\$3,858.00							
Substation Upgrade										
Digester Blower and Air Manifold Upgrade - Engineering										
Digester Blower and Air Manifold Upgrade - Installation										
CM TANK BLOWER - Installation										
Centrifuge MCC and Transformer Upgrade - Installation										
Roofing Repairs										
Interceptor Model for Basin Design										
Vehicle Replacement										
680 Subtotal										
680.695.605500										
CONTINGENCY (10%):										
680 Totals	\$954,020.28	\$1,216,590.43	\$2,320,578.39	\$2,555,526.58	\$625,174.30	\$2,180,610.23	\$5,530,000.00	\$2,800,000.00	\$3,400,000.00	\$3,900,000.00

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