

**CITY OF LA VISTA
MAYOR AND CITY COUNCIL REPORT
AUGUST 19, 2014 AGENDA**

Subject:	Type:	Submitted By:
ACCEPTANCE OF THE SEWER RATE STUDY FY15 – FY 19	◆ RESOLUTION ORDINANCE RECEIVE/FILE	JOHN KOTTMANN CITY ENGINEER/ASSISTANT PUBLIC WORKS DIRECTOR

SYNOPSIS

A resolution has been prepared to accept the Sewer Rate Study dated August 19, 2014, as prepared by the City Engineer and direct implementation of Option 3 regarding rates and fees.

FISCAL IMPACT

The City’s Sewer Fund is an enterprise fund and as such all expenses associated with operating and maintaining the City’s sewer system are supported by user fees — no property or sales tax dollars are used to support the sewer system. The last sewer rate study was performed in 2009 and projected rates through FY 14. The City of Omaha has recently revised their rate schedule to establish rates through 2019. The current billing rates for sewer fees will fall far short of providing sufficient revenue to meet the needs of the sewer system if left unchanged. Therefore, fee increases are recommended.

RECOMMENDATION

Approval

BACKGROUND

The City Engineer with assistance from the Director of Public Works and the Finance Director has prepared this rate study. The methodology remains consistent with the last two rate studies. Projections used in this study anticipate incorporation of a portion of the Sarpy Industrial Sewer Wastewater Service Area into the La Vista Wastewater Service Area. This includes the Brook Valley II and Papio Valley 2 Business Parks that were annexed into the City. The study takes into account the impact that the Combined Sewer Overflow (CSO) Control Program will have on sewage treatment fees collected by the City of Omaha. The study does not anticipate increasing our sewer users by expanding our extraterritorial jurisdiction (ETJ) beyond its present limits just west of 144th Street.

The City operates a sewage collection system and is responsible for the maintenance of the system. The City of Omaha treats the sewerage. Based upon the rates set by La Vista, a fee for sewer services is charged by the Metropolitan Utilities District (MUD) on its bills to all water customers except for multi-family customers. The rate structure consists of two components which are a monthly customer charge and a monthly flow charge. The sewer fees collected by MUD are remitted back to the City of La Vista. Subsequently, the City of La Vista pays the City of Omaha for sewer treatment services.

In regards to multi-family customers, the billing consists of a flow charge billed by MUD through the water meter reading process and then a customer charge billed by the City for each unit in the apartment complex. The study proposes a phased conversion of the multi-family billing process to the same format as other users in which all billing would occur through MUD and the City would not do manual billing or bill collecting starting in FY 19 for multi-family accounts.

In general, the study shows that income from sewer fees is not keeping up with the expenses of operating and maintaining the sewer system primarily due to the economic downturn experienced during the past 5 years. To meet revenue requirements for expenses and to provide adequate reserves to perform system rehabilitation due to the age of the system, sewer use rate increases of 10% are recommended throughout the next five year period as identified in Option 3 and summarized below:

La Vista Sewer Use Fees	FY14	FY15	FY16	FY17	FY18	FY19
Single Family Cust. Charge	\$7.58	\$8.34	\$9.17	\$10.09	\$11.10	\$12.21
Commercial Cust. Charge	\$8.13	\$8.94	\$9.84	\$10.82	\$11.90	\$13.09
Flow Charge, per ccf	\$2.2116	\$2.43	\$2.68	\$2.94	\$3.24	\$3.56
Apartment unit charge, after 1st	\$6.82	\$5.82	\$4.82	\$3.82	\$2.82	\$1.82
Apartment unit charge, 1st unit	\$7.58	\$8.34	\$9.17	\$10.09	\$11.10	\$12.21

For a typical single family sewer customer using 6.18 Ccf per month (system wide average value) the monthly bill throughout the period, including a comparable City of Omaha bill, are as follows:

	FY14	FY15	FY16	FY 17	FY18	FY19
La Vista (Option 3)	\$21.25	\$23.36	\$25.73	\$28.26	\$31.11	\$34.22
City of Omaha	\$36.25	\$40.71	\$44.27	\$48.14	\$52.34	\$56.93

The above has been reviewed and recommended by the City Administrator, City Engineer, Finance Director and Director of Public Works. The actual fee increases are proposed to be effective October 1, 2014 and will be implemented in the Master Fee Schedule.

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA, ACCEPTING THE SEWER RATE STUDY DATED AUGUST 19, 2014 AND APPROVING IMPLEMENTATION OF RATE OPTION 3 REGARDING RATES AND FEES.

WHEREAS, the Mayor and City Council of the City of La Vista, Nebraska, previously authorized the evaluation of future costs associated with operating and maintaining the sewer system; and

WHEREAS, the Mayor and City Council adopted the waste water agreement with the City of Omaha on April 7, 2009; and

WHEREAS, the sewer rate study was prepared by the City Engineer; and

WHEREAS, the City Administrator, City Engineer, Finance Director and Director of Public Works have recommended implementation of Rate Option 3 over the next five fiscal years.

NOW THEREFORE, BE IT RESOLVED, by the Mayor and City Council of the City of La Vista, Nebraska that the Sewer Rate Study conducted by the City Engineer and the implementation of Rate Option 3 regarding rates and fees over the next five (5) years has been reviewed by the Mayor and City Council of the City of La Vista and the same hereby is, accepted and approved.

PASSED AND APPROVED THIS 19TH DAY OF AUGUST 2014.

CITY OF LA VISTA

Douglas Kindig, Mayor

ATTEST:

Pamela A. Buethe, CMC
City Clerk



Community Pride. Progressive Vision.

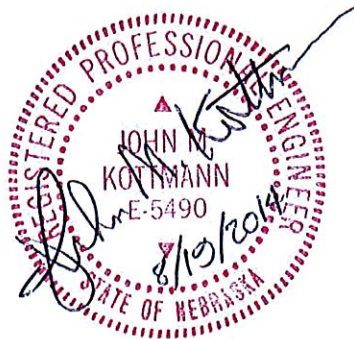
SEWER RATE STUDY

FOR

CITY OF LA VISTA, NEBRASKA

FY15 THROUGH FY19

AUGUST 19, 2014



CITY OF LA VISTA
SEWER RATE STUDY
FY15 THROUGH FY19

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Executive Summary

The current billing rates were last formally reviewed in 2009. The City of Omaha has recently adopted a new rate schedule through 2018 for all sewer system users that includes substantial increases which have been incorporated into this study. The present sewer use rates were established in September 2013 are not projected to provide sufficient revenue to meet the needs of the system over a planning period of Fiscal Year 2015 through Fiscal Year 2019.

Projections used in this study anticipate incorporating a portion of the Sarpy Industrial Sewer Wastewater Service Area into the La Vista Wastewater Service Area by October of 2015. This includes Brook Valley II Business Park and Papio Valley 2 Business Park which will add about 30 businesses at the time of conversion and an estimated 3 new businesses per year through the study period. The projections are also based on making a phased conversion of the apartment billing process from a combination of manual billing by the City and billing by MUD to total billing by MUD in FY19. In addition the rate projections include providing funds for rehabilitation of aging portions of the sewer collection system beginning in FY18 and providing for additional sewer division staff to maintain areas that have been annexed since 2005 and for areas anticipated to be annexed during the study period.

The rate structure which provides for a monthly sewer bill to be based upon two components, a minimum monthly customer charge and a monthly flow charge based on water usage, has been maintained which is consistent with the method used by the City of Omaha. The present rates adopted in September 2013 are expected to result in the cash reserves decreasing by \$4,264,870 over the five year period. Therefore, three rate increase options were studied.

Rate Increase Option 1: Annual rate increases of 8% per year for all classes of sewer customers are proposed. This rate was chosen as one that would continue the same rate increases adopted each of the last five years. This would result in the cash reserves decreasing by \$837,593 over the study period and the reserves would be far less than desired and all study years except FY15 show projected operating losses.

Rate Increase Option 2: Annual rate increases of 9% per year for all classes of sewer customers are proposed. This would result in the cash reserves decreasing by \$269,020 over the study period to a level that is far short of the minimum recommended reserve level. Operating losses are expected in FY17, FY18 and FY19.

Rate Increase Option 3: Annual rate increases of 10% per year for all classes of sewer customers are proposed. This would result in the cash reserves increasing by \$533,420 over the study period to a level that is 25% of operating expenses and above the minimum recommended level of 20%.

The City Engineer recommends Option 3 for a 10% rate increase as a rate structure that will provide a reserve estimated to be \$1,091,539 at the end of the study period and prepares the sewer fund to adapt to unexpected changes in revenues or expenses and avoid abrupt changes in rates in the future after this study period.

Section 1 – Background

The previous sewer rate study was prepared by Thompson, Dreessen, & Dorner, Inc. in June of 2009 to cover Fiscal Years 2010 through 2014 (October 1, 2009 through September 30, 2014). This previous study resulted in sewer use fees increasing at the rate of 8 percent per year throughout the study period. A significant component of the previous study was the transfer of a large portion of the La Vista extra-territorial zoning jurisdiction into La Vista sewer rates from Omaha sewer rates based on the negotiated Wastewater Service Agreement with the City of Omaha that was completed in 2009.

In April of 2010, the City hired an on-staff City Engineer. Therefore, this study is being completed by City personnel.

The City of La Vista owns and operates its municipal sanitary sewer system within the City limits. The City also must prepare to maintain the sanitary sewer systems of the Sanitary and Improvement Districts within its zoning jurisdiction and particularly those that will be annexed within the study period. The Sewer Fund includes anticipated acquisitions of capital equipment to enable it to take on additional maintenance. The City of Omaha bills the City of La Vista for treating sanitary sewage from all customers within the City limits and within the zoning jurisdiction of the City. One notable exception to this is that customers in the area served by the Sarpy Industrial Sewer are not billed at La Vista's sewer rates but are billed at Sarpy County sewer rates and the City does not receive any sewer use fees from this area. This area will remain under Sarpy County's billing rates and Sarpy County will retain the sewer use revenue as long as they own and operate the Sarpy Industrial Sewer in this area. This area consists of the property on the south side of the South Branch of the West Papillion Creek from 114th Street to the west lying within La Vista's Zoning Jurisdiction. The City is currently negotiating with Sarpy County to take ownership of that portion of the Sarpy Industrial Sewer within areas annexed by the City which is in accordance with the 1996 Interlocal Cooperation Agreement.

The City of Omaha bills the City of La Vista for treating sanitary sewage based on three components. These consist of a Bulk I Sewer Service User charge, monthly per account, (one master account for the City of La Vista), a Bulk II Sewer Service User charge, monthly per account, (one for each sewer customer per water meter read by MUD) and a flow charge for bulk user sewer flows, per 100 cubic feet, per month. Over the period from 2010 to 2014 these charges changed as follows:

Bulk I User Charge per month	\$458.38	to	\$396.31
Bulk II Use Charge per month	\$ 2.28	to	\$ 3.53
Flow Charge per 100 Cubic Ft.	\$ 0.588	to	\$ 1.551

The City of Omaha has recently proposed increasing sewer user rates for all categories of users served by the City of Omaha waste water treatment facilities. Proposed rates have

been set through 2018 which will increase between 9% and 10% per year depending on quantity of sewer use for an account. This rate schedule is was adopted on July 15, 2014 by the City of Omaha. The fees to the City of Omaha to treat sewage from the City of La Vista represent 56.5% of the City's anticipated sewer expenses in 2015 and are expected to represent 59.9 % of the City's anticipated sewer expenses in 2019.

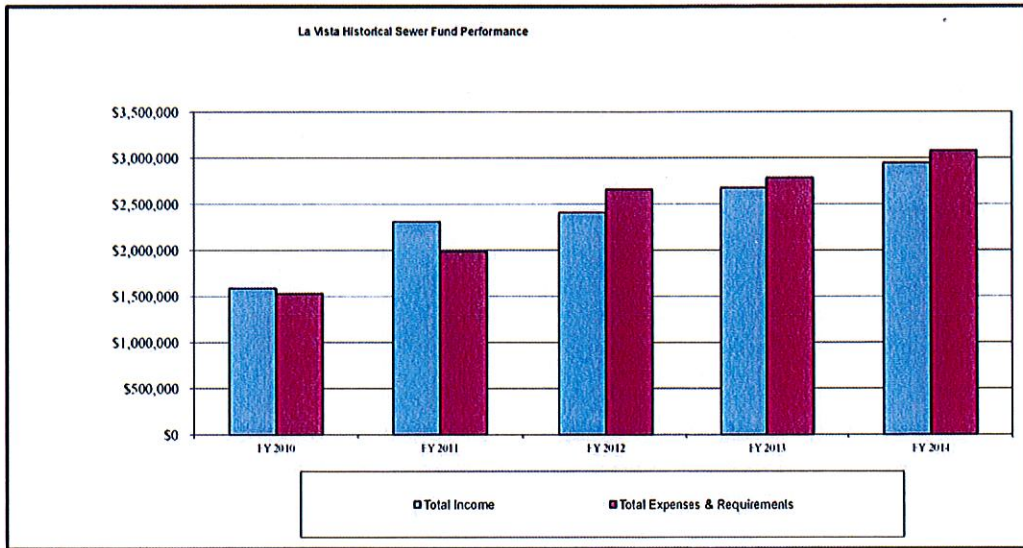
Section 2 – Historical Sewer Fund Performance

Sewer Fund financial data was examined to determine historical performance. Table 2-1 is a summary in graph and tabular form of the information provided for the fiscal years 2010 through 2014. The figures for fiscal year 2014 are based on estimates since this fiscal period is still in progress.

Review of this information indicates that for Fiscal Years 2010 through 2014 the Balance Forward (reserve) increased modestly by about 9% by the end of the study period. In 2012 there is a significant increase in Total Expenses & Requirements. This is due to some of the monthly billing from Omaha for sewer treatment in FY 2011 not occurring until FY 2012.

In general, the graph shows a large increase in revenue in 2011 due to the large increase in the customer base in that year. After that, the income is slightly less than expenses in FY12 through FY14 which is primarily due to the decline of development activity and reduced tract connection fee revenues.

TABLE 2-1 - Historical Sewer Fund Performance



	<u>FY 2010</u> Actual	<u>FY 2011</u> Actual	<u>FY 2012</u> Actual	<u>FY 2013</u> Actual	<u>FY 2014</u> Est. per City
Total Brought Forward	\$635,294	\$768,430	\$1,077,249	\$697,362	\$890,648
Total Income	\$1,587,318	\$2,307,871	\$2,408,838	\$2,675,322	\$2,944,060
Total Available	\$2,222,612	\$3,076,301	\$3,486,087	\$3,372,684	\$3,834,708
Total Expenses & Requirements	\$1,528,359	\$1,982,136	\$2,661,321	\$2,782,037	\$3,077,763
Balance Forward	\$694,253	\$1,094,165	\$824,766	\$590,647	\$756,945

Section 3 – Current Billing Procedures, Growth, and Usage Patterns

3.1 Billing Procedures

The Metropolitan Utilities District (MUD) currently reads water meters on a monthly basis. MUD is contracted with the City of La Vista to bill each customer monthly for sewer use fees based upon rates set forth in the City's Master Fee Schedule which is adopted in September of each year by an ordinance. A copy of the current fee schedule is set forth in Appendix "A". The current rates include a monthly customer charge of \$7.58 per single family customer and a flow charge for all sewer service users of \$2.2116 per hundred cubic feet of sewage flow estimated from water usage data. For sewer service users classified as Residential Multi-Family, the monthly customer charge is \$7.58 for the first unit in the complex plus an amount of \$6.82 per month for each unit after the first unit in the apartment complex. The City of La Vista directly bills each separate apartment complex for the Residential Multi-Family customer charges and MUD bills the apartment complexes for the sewer use flow charges based on water usage readings. Sewer service users, who are not residential users and who normally use less than 100,000 cubic feet of water per month, are classified as General Commercial. For these users there is a monthly customer charge of \$8.13 and a flow charge of \$2.2116 per hundred cubic feet of usage. In September 2013 there were 6,408 single family accounts, 421 general commercial accounts and 22 apartment complexes containing 2,866 units.

MUD adjusts payments to the City of La Vista for billing fees, bad accounts, final bills and other adjustments. The February 2014 the MUD billing fee was \$1.7062 per bill and MUD was not able to provide estimates for the future. Therefore, the study has assumed a 4% per year increase in the billing fee based on previous increases in the fee. The other adjustments vary widely from month to month and do not demonstrate a consistent trend. Such adjustments include uncollectable bills, corrections to estimated bills, and other billing anomalies. Based on billing history an average monthly loss of \$1,500.00 was used throughout the study period.

Fees for connection to sewer and drainage systems/facilities for residential, commercial and industrial users were initially established by ordinance in November of 1997 by the City Council of La Vista. The fees have been periodically updated since then to be comparable with the City of Omaha interceptor sewer fee and the Sarpy Industrial Sewer connection fee. The current rates may be found in the fee schedule in Appendix "A".

During the previous rate study period, the sewer users outside the City Limits of La Vista were switched to La Vista sewer billing in two phases. On October 1, 2009 the area outside of the City Limits and lying east of I-80 was switched to La Vista sewer billing rates. Then, on January 1, 2011, the area outside of the City Limits lying west of I-80, but within the City's extra-territorial zoning jurisdiction, was switched to La Vista sewer billing rates.

The portion of the City of La Vista zoning jurisdiction that is served by the Sarpy Industrial Sewer is billed for sewer usage and those fees remain with Sarpy County except for the portion they are required to remit to Omaha for treatment of the sewage. This area will not come under the City of La Vista's wastewater service area unless there are future agreements made between the City of La Vista and Sarpy County or the area is annexed into the City limits. As of the preparation of this rate study, discussions are underway with Sarpy County to take ownership of portions of the Sarpy Industrial Sewer which lie in areas that were annexed into the City. Upon transfer of ownership the sewer use fees and tract connection fees for parcels in the annexed area served by the Sarpy Industrial Sewer will be retained by the City of La Vista. This change will also require amendments to the Wastewater Service Area Agreements with Omaha for both the City of La Vista and Sarpy County. For purposes of the study the conversion is assumed to take place in a time period that allows sewer use fees to be collected from the annexed area starting October 1, 2015.

3.2 Growth Patterns

Building permit data was obtained from the Community Development Department for the 2009 through 2013 time period. This data showed the following new building permits:

<u>Year</u>	<u>Single Family</u>	<u>Apartments</u>	<u>Commercial</u> Permits/Acres
2009	121	0 Units	5/5.18
2010	91	242 Units	7/6.71
2011	59	48 Units	11/14.93
2012	55	24 Units	3/7.17
2013	67	0 Units	5/14.93

This data was reviewed in consideration of the national economic crisis that took place in 2008 and the slow recovery that has occurred since then. The previous rate study anticipated 340 single family homes would be built from FY10 through FY14. The actual number constructed was 272 homes which is consistent with the recovery being slower than expected. The number of new commercial/industrial building starts was lower than anticipated in the previous rate study. The average was 6 permits per year versus the estimate of 10 permits per year. In order to project the future quantity of single family home construction, the number of vacant remaining lots and potential for additional lots was examined. Within the City's extra-territorial zoning jurisdiction there is no land remaining suitable for new residential subdivisions. The number of remaining vacant lots is under 100 as of the preparation of this report. The assumption has been made that this inventory will be consumed by the end of FY17. The future development of apartments has been considered based on the number of locations that remain available

within the zoning jurisdiction under present zoning and land use plans. At this time there appear to be two locations for significant apartment complexes to be developed. A quantity of 588 units has been estimated based on the remaining number of units to be constructed in Cimarron Terrace and preliminary information for a complex near 132nd and Chandler. This quantity has been spread throughout the study period with no particular formula for the distribution. For commercial/industrial development it is anticipated that one-third of the new building permits will occur in the Sarpy Industrial Sewer service area based on the supply of industrial lots in this area and recent development history. During late 2013 and the first half of 2014 there has been an increase in the commercial/industrial development activity and for this reason the assumption has been made that there will be an average of 9 such permits per year through the study period. The average commercial/industrial lot has been assumed to be 2 acres, which is a factor in projecting the sewer connection fee revenue. In this sewer rate study the following growth projections for new development in the City of La Vista zoning jurisdiction have been made:

<u>Year</u>	<u>Single Family</u>	<u>Apartments</u>	<u>Commercial</u>
FY15	50	150 Units	6 Bldgs. (12 ac.)
FY16	30	48 Units	9 Bldgs. (18 ac.)
FY17	20	198 Units	9 Bldgs. (18 ac.)
FY18	0	48 Units	9 Bldgs. (18 ac.)
FY19	0	144 Units	9 Bldgs. (18 ac.)

In addition to the growth of sewer service users through land development as outlined above there are expected to be an increase in the City's Waste Water Service Area. This is anticipate to occur with conversion of a portion of the Sarpy Industrial Sewer service area from Sarpy County jurisdiction to City of La Vista jurisdiction. The City has annexed SID 214 (Papio Valley 2 Business Park) and SID 59 (Oakdale Park, Brook Valley Business Park, and Brook Valley II Business Park). Section 12 of the 1996 Interlocal Cooperation Agreement for the Sarpy Industrial Sewer states: "Upon La Vista's annexation of all or part of the land which encompasses the original segment of the La Vista Project, La Vista shall succeed in whole or in part to ownership, assumption of assets and liabilities of the La Vista Project in the manner provided for in Section 26 of the Act or as Sarpy and La Vista may otherwise agree." A letter was sent to Sarpy County on March 17, 2014 to initiate a discussion of this transfer. It is anticipated this agreement will take some time to complete and is the reason that the increase in number of new commercial buildings shown above does not occur until FY16. In addition to new commercial/industrial buildings in the annexed areas, there are existing building (sewer users) that would be converted from Sarpy County sewer use billing to La Vista sewer use billing. An increase of 29 commercial/industrial accounts is anticipated to occur in

FY16. There are 20 vacant lots in Papio Valley 2 Business Park and Brook Valley II Business Park.

In order to revise the Wastewater Service Areas of either Sarpy County or City of La Vista it will be necessary for both entities to seek amendments to their Wastewater Service Agreements with the City of Omaha. After that is completed the City of Omaha will instruct MUD to amend their billing process to collect La Vista sewer use fees in the transferred area.

3.3 Usage Patterns

The average sewer usage per category of customer was determined by reviewing the monthly Sewer Use Fee statements from the Metropolitan Utilities District for the period from October 2009 through September 2013. These statements separate the usage between commercial and residential. Apartment meter readings are included with the commercial accounts. From this data, the average sewer usage per residential account is 6.18 hundred cubic feet (ccf) per month. This is only slightly higher than the usage in the previous study which was 6.15 ccf per month. The average sewer usage per commercial/industrial account ranged from 79.00 to 85.34 per month by examining these numbers. However, these averages are distorted by the apartment account usage which are typically higher. After attempting to separate out the apartment accounts the average usage estimate for commercial/industrial accounts was left at 73.40 ccf per month as in the last study. The average apartment usage per unit is affected by the size of the apartment units and whether there is a separate meter for irrigation usage or not. The estimated per unit sewer flow in this study is based on an average monthly volume of 13,333 hundred cubic feet for 2866 units which results in 4.65 ccf per unit per month.

Section 4 – Description of Major Cost Items for Planning Period

This section of the study describes major cost items for the planning period as provided by City of La Vista staff.

4.1 Personnel Services

Salary costs for personnel have been shown based on projections provided by the Finance Division of Administrative Services. This information is summarized in Table 4-1 at the end of this Section. The information from the Finance Division is set forth in Appendix “B”.

4.2 Additional Personnel

Additional personnel have been included in the rate study to be consistent with the Staffing Plan for Public Works that was submitted with the FY15 budget request. This request is still under review as of the preparation of this study. The request for additional personnel was made based on annexations that have taken place since 2005 without sewer division personnel being added and in anticipation of another significant annexation occurring in 2017. Additional work load for sewer staff is also expected as a result of storm water management regulations and maintenance of City-owned water quality installations. Details concerning additional personnel costs are presented in Appendix “C”. Costs for additional personnel are anticipated in each year of the study period as follows:

FY15	FY16	FY17	FY18	FY19
\$0	\$70,994	\$189,653	\$199,006	\$204,977

4.3 Capital Equipment Replacement

The equipment replacement schedule for Sewer Division equipment over the next 20 years was reviewed. The cost of those pieces of major equipment that should be replaced in this study period consist of the following:

<u>Description</u>	<u>Age and Type</u>	<u>Replacement Year</u>	<u>Cost</u>
Director’s Vehicle	2002, Tahoe 4x4	2016	\$ 40,000
Combo Trk, Jet-Vac	2006 Sterling Super Products	2017	\$350,000
Easement Machine	1999 Honda Prowler Sr Caddy	2015	\$ 60,000

Arrow Board 2005 Wanco 2019 \$ 15,000

The total cost of these items is \$465,000. For rate study purposes this cost was divided evenly over five years and then increased at 3 percent per year for inflation costs. Costs for additional personnel are anticipated in each year of the study period as follows:

FY15	FY16	FY17	FY18	FY19
\$93,000	\$95,790	\$98,664	\$101,624	\$104,672

4.4 System Rehabilitation

The sanitary sewer system in certain portions of the City is approaching 60 years old. This is in the original platting of La Vista east of 72nd Street and north of Thompson Creek. The City's Capital Improvement Program has anticipated a rehabilitation project for this area that ranges in cost from \$3 to \$4 million dollars. The City has been unable to fund this project. In addition there are several small pieces of the sewer system that are found each year in need of rehabilitation. In order to begin addressing these needs this study is recommending an annual expenditure be anticipated. A yearly payment of \$200,000 can support a \$2.9 million bond issue at current interest rates. Various rate scenarios were studied and it was found that \$200,000 could be supported if bond payments are assumed to begin in 2018 and if rates are increased sufficiently to cover this expense. Costs for system rehabilitation either in the form of bond payments or annual reconstruction projects have been included in each year of the study period as follows:

FY15	FY16	FY17	FY18	FY19
\$0	\$0	\$ 0	\$200,000	\$200,000

4.5 System Replacement Reserve

There is a item in the budget for System Replacement Reserve. This item is a reserve for unexpected system failures requiring large expenditures to repair. This is differentiated from the costs in Section 4.4 above which is for programmed system rehabilitation. This can be thought of as an emergency fund. Due to the increases in the size of the sanitary sewer system from recent and proposed annexations, and particularly taking ownership of a portion of the Sarpy Industrial Sewer, it is recommended to increase the reserve for this item. Therefore, an allocation of \$50,000 per year is being included throughout the rate study period that will increase the reserve from \$300,000 to \$550,000.

TABLE 4-1**PROJECTED EXPENSES**

	FY15 10/14-9/15	FY16 10/15-9/16	FY17 10/16-9/17	FY18 10/17-9/18	FY19 10/18-9/19
Personnel, Dept. 41	403,782	412,763	421,970	431,408	441,084
Personnel, Dept. 42	374,394	383,548	392,968	402,664	412,646
Commodities, Dept 41	3,469	3,642	3,825	4,016	4,217
Commodities, Dept 42	65,919	39,815	166,806	43,896	46,091
Contr. Services, Dept. 41	90,075	88,279	92,693	97,327	102,194
Contr. Services, Dept. 42 (includes Omaha Fees)	2,197,072	2,466,277	2,716,237	3,004,849	3,279,395
Maintenance, Dept. 41	0	0	0	0	0
Maintenance, Dept. 42	35,066	36,819	38,660	40,593	42,623
Other Charges, Dept. 41	8,345	9,222	9,683	10,167	10,676
Other Charges, Dept. 42	150	158	165	174	182
Other Charges, Dept. 43	4,960	5,109	5,263	5,420	5,583
Capital outlay, Dept. 41	0	0	0	0	0
Capital Outlay, Dept. 42	0	0	0	0	0
Capital Equipment	93,000	95,790	98,664	101,624	104,672
System Reserve Increases	50,000	50,000	50,000	50,000	50,000
Capital System Costs	0	0	0	200,000	200,000
Additional Personnel	0	70,994	189,653	199,006	204,977
Totals	3,326,232	3,662,416	4,186,586	4,591,144	4,904,340

Section 5 – Rate Analysis

5.1 General

The first step in this part of the rate analysis is to project system revenue needs over the five-year planning period. The City of La Vista reviewed a projection of expenses through the study period with the Finance Director and Director of Public Works. Also included are estimates of sewer use fees that will be incurred to the City of Omaha. The detailed projection of expenses is set forth in Appendix “B”. These projections have been updated to include the most current projection of sewer use fees that will be incurred to the City of Omaha based on the rates they adopted on July 15, 2014. The projections in this study are based on the following assumptions:

1. Cash reserves (Total Brought Forward) of \$558,119 are available at the beginning of FY15 (Oct. 2014).
2. The current rate structure consisting of a customer charge and flow charge based upon the amount of water usage during the previous winter period for single family residential customers or based upon actual monthly water usage throughout the year for commercial/industrial customers and the customer classifications will remain as they are presently established during the Study Period.
3. Investment interest on cash reserves (Total Brought Forward) will not be a significant income source.
4. Due to economic uncertainties and regulatory limitations it is desired to maintain an operating cash reserve at an amount between 20% and 50% of the Sewer Division budget, excluding capital expenditures.
5. The portion of the Sarpy Industrial Sewer service area that lies within the SID 214 and SID 59 annexations will be converted to the City of La Vista Wastewater Service Area by FY16 (October 2015).
6. Single family inventory of new lots will be exhausted in FY17.
7. Commercial/industrial development will see modest growth as set forth in Section 3.
8. The wastewater bulk treatment fees to the City of Omaha have been established for the years 2015 through 2019. After the year 2019 the rate increases are anticipated to continue at 9 percent per year.
9. There will be no expansion of the City of La Vista extra-territorial zoning jurisdiction during this study period.

5.2 Effect of Existing Rates and Fees During the Study Period

Table 5-1 is a detailed listing of the revenues and expense projections using the projected usage patterns and customers described in Section 3 of this report. These projections use the current La Vista sewer rates and the established and projected City of Omaha rates for bulk treatment. The estimated balance forward at the end of the study period with the existing rates is \$-3,706,751. This demonstrates that the existing sewer rates using the projected revenues and expenses are not capable of meeting the revenue needs. It should be noted that this includes the addition of sewer user customer accounts for the portion of the Sarpy Industrial Sewer area that is anticipated to be converted to La Vista Sewer Use fees in FY16. There was no expectation that the existing rates could be maintained, but this information was provided to demonstrate the necessity of making adjustments.

Table 5-1 Existing Rates

EXPENSES:	FY14	FY15	FY16	FY17	FY18	FY19
Budget figures for 2-41 & 2-42	\$2,910,635	\$3,183,232	\$3,445,632	\$3,848,270	\$4,040,514	\$4,344,691
System Reserve Increases		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Capital Outlays	\$20,000	\$93,000	\$166,784	\$288,317	\$500,630	\$509,649
Total Expenses	\$2,930,635	\$3,326,232	\$3,662,416	\$4,186,587	\$4,591,144	\$4,904,340
REVENUES:						
Sewer User Fees		\$2,920,995	\$3,036,562	\$3,065,494	\$3,122,586	\$3,143,975
Tract Connection Fees		\$255,376	\$181,698	\$299,398	\$148,698	\$231,066
Total Revenues		\$3,176,371	\$3,218,260	\$3,364,892	\$3,271,284	\$3,375,041
Yearly Balance		-\$149,861	-\$444,156	-\$821,695	-\$1,319,860	-\$1,529,299
Balance Forward	\$558,119	\$408,258	\$-35,898	-\$857,593	-\$2,177,453	-\$3,706,751

5.3 Apartment Billing Format Evaluation

The current format for billing apartment complexes consists of a sewer use flow charge based on water meter readings and a customer charge for the first unit in the apartment complex equivalent to that of a single family customer and a customer charge for each additional unit in the complex at a lower customer charge. The flow charge is included in the MUD billing. The customer charges are billed directly by the City since the MUD billing process is based on number of meters and not number of units. This billing format

has been in place since 1980. In recent years a number of calls have been received from apartment complex managers as to why this format exists and questioning why the sewer bills for their complexes are so much higher than their complexes in other jurisdictions in the metro area. As part of this rate study sewer rate structures from surrounding jurisdictions have been reviewed and sewer bills for a typical apartment building have been computed at 2014 rates for various communities. The typical apartment building was taken to be a 24-unit building with a usage rate of 4.65 Ccf per unit and a 1 ½ inch water meter to the building. The results can be found in Appendix “D”. This information indicates that sewer use billing to apartments in La Vista are disproportionately higher than other user categories when compared to surrounding communities. When sewer rates were much lower at the time this rate structure was established, the difference from other communities was not as significant. At this point, staff is of the opinion that the difference is too large and the rate structure should be revised to be the same format as for residential and commercial classes of customers. That will mean one customer charge per meter (typically per apartment building) along with a flow charge based on the water meter reading. An advantage of this change is that all billing will be done as part of the MUD billing process and City staff will not need to spend time each month billing 23 or more apartment complexes, track billing, and bill collecting. In order to make the change in a manner that will not create a sharp impact to other user classes, the recommendation is to transition into the revised format over FY15 through FY18 so that in FY19 the conversion to the new format can be completed. At that time, the typical apartment building sewer use bill in La Vista would be quite comparable to an Omaha sewer use bill. Typical bill comparisons for all user classes through the study period are presented in Appendix “E”.

5.4 Rate Adjustment to Correct Deficiency

The current rate structure is not able to maintain an acceptable reserve at the end of the study period. The reasons for this are general cost increases in the form of increased treatment fees to the City of Omaha, increased capital equipment needs, increased personnel and other operating expenses. These increases are not generated by one particular class of sewer user such as single family versus apartment versus commercial/industrial users. This study examines options to adjust the rates within the current sewer user classifications which will keep the system comparable to the Omaha system of billing sewer users. As noted above, there will be a transition of the apartment billing process to one in which apartments are billed totally through the MUD billing process with the conversion being completed in FY19.

This study has considered three across-the-board rate increases for analysis. The first option considered was to use a rate increase that would continue the same 8% per year increase as took place in FY10 through FY14. The results of this Option 1 are set forth in Table 5-2. This increase results in the balance forward decreasing from \$558,119 at the beginning of the study period to -\$279,474 at the end of the study period. The projected balance forward (also known as a reserve fund) is unacceptable since it is projected to become a negative number in FY19. In order for this rate option to be viable, it would be

necessary to defer a majority of the capital expenditures until after this rate period at which time abrupt increases in sewer rates would be required. That is not a prudent plan and therefore, this option is not recommended.

TABLE 5-2 8% RATE INCREASE OPTION 1

EXPENSES:	FY14	FY15	FY16	FY17	FY18	FY19
Budget figures for 2-41 & 2-42	\$2,910,635	\$3,183,232	\$3,445,632	\$3,848,270	\$4,040,514	\$4,344,691
System Reserve Increases		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Capital Outlays	\$20,000	\$93,000	\$166,784	\$288,317	\$500,630	\$509,649
Total Expenses	\$2,930,635	\$3,326,232	\$3,662,416	\$4,186,587	\$4,591,144	\$4,904,340
REVENUES:						
Sewer User Fees		\$3,115,728	\$3,460,635	\$3,738,972	\$4,072,046	\$4,329,509
Tract Connection Fees		\$255,376	\$181,698	\$299,398	\$148,698	\$231,066
Total Revenues		\$3,371,104	\$3,642,333	\$4,038,370	\$4,220,744	\$4,560,575
Yearly Balance		\$44,872	-\$20,083	-\$148,217	-\$370,400	-\$343,765
Balance Forward	\$558,119	\$602,991	\$582,908	\$434,691	\$64,291	-\$279,474

A second option was considered which is to increase the rates at 9% per year. The results of this analysis are set forth in Table 5-3. The balance forward decreases from \$558,119 at the beginning of the study period to \$289,099 at the end of the study period. In FY15 and FY 16 the sewer fund is expected to have a positive cash flows but in FY17, FY18 and FY19 the cash flow becomes negative. This is due to primarily to increasing capital expense projections which are set forth in Section 4 of this report. The projected balance forward is does not meet the minimum recommended reserve. As with Option 1 it would be necessary to defer a large portion of capital expenditures until after the study period. This would likely result in the necessity of sharper rate increases in the future. Also, this rate option falls short of meeting recommended reserves and this option is not recommended.

TABLE 5-3 9% RATE INCREASE OPTION 2

EXPENSES:	FY14	FY15	FY16	FY17	FY18	FY19
Budget figures for 2-41 & 2-42	\$2,910,635	\$3,183,232	\$3,445,632	\$3,848,270	\$4,040,514	\$4,344,691
System Reserve Increases		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Capital Outlays	\$20,000	\$93,000	\$166,784	\$288,317	\$500,630	\$509,649
Total Expenses	\$2,930,635	\$3,326,232	\$3,662,416	\$4,186,587	\$4,591,144	\$4,904,340
REVENUES:						
Sewer User Fees		\$3,144,335	\$3,525,136	\$3,845,084	\$4,228,048	\$4,542,860
Tract Connection Fees		\$255,376	\$181,698	\$299,398	\$148,698	\$231,066
Total Revenues		\$3,399,711	\$3,706,834	\$4,144,482	\$4,376,746	\$4,773,926
Yearly Balance		\$73,479	\$44,418	-\$42,105	-\$214,398	-\$130,414
Balance Forward	\$558,119	\$631,598	\$676,016	\$633,911	\$419,513	\$289,099

A third option was considered which is to increase the rates at 10% per year. The results of this analysis are set forth in Table 5-4. The balance forward increases from \$558,119 at the beginning of the study period to \$1,091,539 at the end of the study period. In each year of the study period the sewer fund is expected to have a positive cash flow with the exception of FY18 that shows a very small loss of -\$4,477. Essentially FY18 is a break-even year based on projections and will depend on the actual amount of tract connection fees collected in that year. At the end of the study period, the balance forward is anticipated to be 25% of operating expenses. The balance forward is desired to be between 20% and 50% of operating expenses and under this scenario the fund should be within this range at the end of the study period. This is a good position for the sewer fund and allows for deviations in projections. Therefore, based on projections with information available at this time, this is the recommended rate increase option.

TABLE 5-4 10% RATE INCREASE OPTION 3

EXPENSES:	FY14	FY15	FY16	FY17	FY18	FY19
Budget figures for 2-41 & 2-42	\$2,910,635	\$3,183,232	\$3,445,632	\$3,848,270	\$4,040,514	\$4,344,691
System Reserve Increases		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Capital Outlays	\$20,000	\$93,000	\$166,784	\$288,317	\$500,630	\$509,649
Total Expenses	\$2,930,635	\$3,326,232	\$3,662,416	\$4,186,587	\$4,591,144	\$4,904,340
REVENUES:						
Sewer User Fees		\$3,205,734	\$3,629,271	\$3,996,888	\$4,437,969	\$4,818,041
Tract Connection Fees		\$255,376	\$181,698	\$299,398	\$148,698	\$231,066
Total Revenues		\$3,461,110	\$3,810,969	\$4,296,286	\$4,586,667	\$5,049,107
Yearly Balance		\$134,878	\$148,553	\$109,699	-\$4,477	\$144,767
Balance Forward	\$558,119	\$692,997	\$841,550	\$951,249	\$946,772	\$1,091,539

In all of these analyses, the tract connection fee rates were left at present levels. The City of Omaha is currently conducting an update to their interceptor sewer plan. At such time as they complete that study it may be necessary to review these rates if they make significant changes. That will be reviewed at the time that Master Fee Schedule adjustments are made at each budget year. The fees are as follows:

LAND USE	EX. RATE
Single Family	\$1,100/Unit
Multi-Family	\$ 858/Unit
Commercial/Industrial	\$5,973/Acre

5.5 Comparison of Adjusted Rate Options to Other Local Communities

The following is a listing of estimated residential sewer bills for La Vista existing and adjusted rate options, and for other local communities for the average residential usage of 6.18 hundred cubic feet (ccf) per month. Sales tax is not included.

<u>Community</u>	<u>Monthly Bill for 6.18 Ccf Usage</u>
La Vista-Current Rates(FY14)	\$21.25
La Vista-Proposed Rates (Option 1-8%) (For FY 15)	\$22.96
La Vista-Proposed Rates (Option 2-9%) (For FY 15)	\$23.15
La Vista-Proposed Rates (Option 3-10%) (For FY 15)	\$23.36
Omaha-Current Rates in 2014	\$36.25
Omaha-Scheduled Rates for 2015 (Does not include \$0.36/Month Storm Water Fee)	\$40.71
Bellevue-2014 Rates	\$17.17
Council Bluffs-2014 Rates	\$13.29
Lincoln-2014 Rates, 1" Water Meter	\$17.18
Papillion-Current Rate starts Oct. 2014, <1" meter (Rates outside city limits are 50% higher)	\$18.37

The data for each local community is provided as Appendix "F".

Section 6 – Summary & Recommendations

6.1 General

This sewer rate study has been undertaken to determine what adjustments in sewer rates and related fees are needed to meet the financial obligations of the City of La Vista Sewer Fund during the planning period of Fiscal Year 2015 through Fiscal Year 2019. The analysis has determined that the existing rates and fees are inadequate to meet the needs of the system. The estimated Balance Forward at the end of the planning period with the existing rates is -\$3,355,677. For the purposes of this study, the reserve or balance forward at the end of the study period needs to be between a minimum of 20% and a maximum of 50% of the operating expenses. To accommodate various uncertainties that can occur such as reduced levels of growth, unexpected system reconstruction expenses, changes in regulations affecting sewer operations, or delays in converting part of the Sarpy WSA to La Vista WSA the reserve should be higher than the minimum value.

A portion of the revenue to the Sewer Fund is a tract connection fee from new users (new development). This is estimated to be a little over 5% of the revenue until the end of the study period. This is a decline in the percentage of total revenue coming from the tract connection fee. This is indicative that La Vista's sewer service area is starting to reach full build-out and that portion of the revenue stream is diminishing. It is recommended that the tract connection fees be kept comparable to the interceptor sewer fees adopted by the City of Omaha and as they update them.

In the previous study period there were two large increases in the number of sewer users billed at La Vista sewer rates. This was the result of a new Waste Water Service Agreement with the City of Omaha. The changes resulted in La Vista's Wastewater Service Area (WSA) matching its zoning jurisdiction. There is no expected change in the City's zoning jurisdiction limits in this study period. In the current study period, it anticipated to adjust the WSA to convert a portion of the Sarpy County WSA to La Vista sewer rates. This is anticipated to bring approximately 30 commercial/industrial sewer users into the La Vista WSA in 2016. This will not be a large impact to the overall sewer fund but would represent about \$90,000 per year in sewer use billings based on average commercial/industrial sewer usage rates. Including such areas in La Vista's sewer service area will allow for these users to be billed at City of La Vista sewer use rates. This is important to be able to accrue sufficient funds to operate and maintain the sewers in this area as it has been annexed into the City limits. The conversion of this annexed area is discussed in more detail in Section 3 of this study.

6.2 Recommendations

Option 1 for an 8 percent annual increase in sewer use rates would fall far short of leaving the sewer fund in a good position at the end of the study period. The balance is expected to be negative by \$279,474 and is clearly not a viable option. Option 2 for a 9 percent annual increase in sewer use rates results in negative cash flows for the sewer fund in FY17, FY18 and FY19 but does result in a reserve of \$289,099. However, this is short of the minimum deserved reserve of \$868,938. This option is viable if a majority of the capital expenses are deferred until after the study period for future rate increases to absorb. It is important to establish a substantial reserve so that it does not become necessary to make abrupt rate changes at some point in the future. At this time indications are that the increase in sewer treatment charges from the City of Omaha are likely to continue at 9 percent per year beyond the study period. The sewer treatment charges currently account for more than 50 percent of sewer fund expenses. Further, much of the existing sewer system in the current city limits east of 90th Street is at or approaching 50 years of age. It is necessary to anticipate system rehabilitation expenses and to have a substantial reserve for unexpected system repairs. Further, at such time as the City annexes west of I-80, much of that sewer system will be at 50 years of age as well. Therefore, Option 3 for 10 percent per year increases in sewer use fees was analyzed. This option results in a reserve of \$1,091,539 which exceeds to minimum recommendation of 20% of expenses. There are obviously many variables and estimations made in this report. Based on the best available information Option 3 is recommended as the rate schedule to adopt for FY15 through FY19.

As discussed in Section 5.3 of this study, the current method of billing apartments with a customer charge per unit and a flow charge based on water usage per building has been in place since 1980. The customer charge billing is performed by City of La Vista staff and the flow charge is part of the MUD billing process along with the customer's water bill. As the rates have increased over the years the average bill for an apartment customer has grown faster than the average bill for other classes of users. In addition, the time spent by staff preparing invoices for each apartment complex each month could be saved for other activities if the billing can all be accomplished through the MUD billing process. The present process results in apartment customers receiving bills for sewer usage each month from two different agencies (City and MUD) which results in the perception of being double-billed for sewer use. In order to address these issues it is recommended to convert the apartment billing process to a single customer charge and flow charge per building (per water meter) that would occur all through the MUD billing process. The number of apartment accounts is significant and this change will need to be phased in during FY15 through FY18 with the total conversion occurring in FY19. In the transition period, the customer charge per unit after the first unit in the complex is significantly reduced each year. In FY19 the average apartment building sewer use fee would be quite comparable to City of Omaha charges.

For sewer users that are industrial and/or commercial customers which have abnormal strength sewage the rates for billing these customers are addressed by the Master Fee Ordinance and the Wastewater Service Agreement with Omaha. For those users that

have processes which result in water used but not discharged to the sewer system there will be special arrangements on a case-by-case basis for measuring usage and creating monthly bills. These special cases will be manually billed by the City in addition to normal billing from MUD. At the present time there are only two customers that require such special billing, so a cost analysis of special users was not undertaken in this study.

Lastly, we recommend that Chapter 51 of the City of La Vista Municipal Code be reviewed for potential updates to be consistent with the current and proposed billing process, requirements of the Waste Water Service Agreement with the City of Omaha, and recognition of the limits of the La Vista sewer service area. Other updates to this chapter may be needed as well.

APPENDIX "A"

ORDINANCE RECORD

No. 728-REVISED © COMPANY INC., OMAHA

ORDINANCE NO. 1210

AN ORDINANCE TO AMEND ORDINANCE NO.1198, AN ORDINANCE TO ESTABLISH THE AMOUNT OF CERTAIN FEES AND TAXES CHARGED BY THE CITY OF LA VISTA FOR VARIOUS SERVICES INCLUDING BUT NOT LIMITED TO BUILDING AND USE, ZONING, OCCUPATION, PUBLIC RECORDS, ALARMS, EMERGENCY SERVICES, RECREATION, LIBRARY, AND PET LICENSING; SEWER AND DRAINAGE SYSTEMS AND FACILITIES OF THE CITY FOR RESIDENTIAL USERS AND COMMERCIAL USERS (INCLUDING INDUSTRIAL USERS) OF THE CITY OF LA VISTA AND TO GRANDFATHER EXISTING STRUCTURES AND TO PROVIDE FOR TRACT PRECONNECTION PAYMENTS AND CREDITS; REGULATING THE MUNICIPAL SEWER DEPARTMENT AND RATES OF SEWER SERVICE CHARGES; TO PROVIDE FOR SEVERABILITY; AND TO PROVIDE THE EFFECTIVE DATE HEREOF.

BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, SARPY COUNTY, NEBRASKA:

Section 1. General Fee Schedule. The fees and taxes charged by the City of La Vista for various services and occupations shall be, and the same hereby are, fixed in accordance with the following schedule, no modifier shall be used, and such fees and taxes charged shall be in accordance with such rules as the City Council may establish:

BUILDING & USE FEES

(Apply inside City limits and within the Extra-territorial zoning jurisdiction)

Building Permit

(Building valuation is determined by the most current issue of the ICC Building Valuation Data)

General	\$30 Base fee + see building fee schedule
Commercial/Industrial	\$30 Base fee + see building fee schedule
Plan Review Fee	
Commercial (non-refundable)	\$100 or 10% of building permit fee (whichever is greater)
Design Review (non-refundable)	\$1,000 Bldgs 24,999 sq. ft. or less (min. fee) (or Actual Fee Incurred) \$2,000 Bldgs 25,000 – 49,999 sq. ft (min. fee) (or Actual Fee Incurred) \$3,000 Bldgs 50,000 -100,000+ sq.ft. (min. fee) (or Actual Fee Incurred) \$4,000 Bldgs 100,000 + sq.ft (min. fee) (or Actual Fee Incurred)
Replacement Plan Review Fee	\$100 + Request for records fees
Engineer's Review	\$500
Rental Inspection Program	
License Fees:	
Multi-family Dwellings	\$6.00 per unit
Single-family Dwellings	\$50.00 per property
Duplex Dwellings	\$50.00 per unit
Additional Administrative Processing Fee (late fee)	\$100.00
Inspection Fees:	
Primary Inspection	No charge
Class B Property Inspection (after primary inspection):	
Violation corrected	No charge
Violation not corrected	See Re-inspection Fee below
Re-inspection Fee (no show or follow up inspection)	See Re-inspection Fee below
Re-inspection Fee	\$50
Penalty Fee	3x Regular permit fee

ORDINANCE RECORD

No. 726-REVISED & COUNCIL INC., DRAFT

Amended Master Fee Schedule 13/14 Fiscal Year

Bus pass (each punch is worth \$1.00) \$30.00

Section 2. Sewer Fee Schedule.

§3-103 Municipal Sewer Department; Rates.

- A. Levy of Sewer Service Charges. The following sewer service charges shall be levied against the user of premises, property or structures of every kind, nature and description, which has water service from any supply source and are located within the wastewater service area of the City of La Vista.
- B. Computation of Sewer Service Charges. For the months of December, January, February and March, the monthly charge for residential sewer services will be computed on the actual water used for these months. The monthly charge for residential sewer service in the months of April, May, June, July, August, September, October and November will be computed on the average water usage of the four (4) preceding winter months of December, January, February and March or for such portion of said consumption, whichever is the lesser. At the option of the City of La Vista, water used from private wells shall be either metered or estimated for billing purposes.
- C. Amount of Sewer Service Charges. The total sewer service charge for each sewer service user will be the sum of three (3) charges: (1) customer charge, (2) flow charge, and (3) abnormal charge.
1. The customer charge is as follows
 - a. For sewer service users classified as Residential, the same being sewer service to a single family dwelling, or a duplex, apartment, or other multi-family dwelling (e.g. apartments) wherein each dwelling unit has a separate water meter that is read and charged for water and sewer use by the Metropolitan Utilities District - \$7.58 per month.
 - b. For sewer service users classified as Residential-Multi-Family, the same being sewer service to Multi-Family dwellings (e.g. apartments) wherein there is only a separate water meter to each building or complex that is read and charged for water and sewer use by the Metropolitan Utilities District - \$ 7.58 per month plus an amount equal to \$ 6.82 times the total number of dwelling units, less one, in the Multi-Family dwellings that comprise an apartment complex. The customer charge for Residential-Multi Family sewer service users will be billed by the City of La Vista in addition to the flow charge billing from the Metropolitan Utilities District. A late charge of 14% will be applied for for Multi-Family sewer use billings.
 - c. For sewer service users classified as General Commercial: Customers who normally use less than 100,000 cubic feet of water per month and who are not Residential users or Residential-Multi-Family users - \$ 8.13 per month. For sewer service users in this category that require manual billing, add \$10.00 for a total of \$18.13. The manual billing of the customer charge will come from the City of La Vista instead of the Metropolitan Utilities District.
 2. The flow charge for all sewer service users shall be \$ 2.2116 per hundred cubic feet (ccf).
 3. If users have abnormal strength sewage as determined by the terms of the Wastewater Service Agreement between the City of La Vista and the City of Omaha, then additional charges will be billed to the user at the applicable rates as determined by said Agreement.
 4. If users other than those classified herein are connected to the wastewater collection system, the Customer Charges, the Flow Charges and Other Charges will be determined by the City Council in accordance with rules and regulations of the EPA and the Agreement between the City of La Vista and the City of Omaha.

ORDINANCE RECORD

Amended Master Fee Schedule 13/14 Fiscal Year

No. 728--REVIEWS & COMPANY INC., OMAHA

Section 3. Sewer/Drainage Connection Fee Schedule. A fee shall be paid to the City Treasurer as set forth in this section for each structure or tract to be connected to the sewer system of the City. No connection permit or building permit shall be issued until the following connection fees have been paid.

Residential	
Single Family Dwelling	\$1,100
Duplex	\$1,100/unit
Multiple Family	\$ 858/unit
Commercial/Industrial	\$5,973/acre of land as platted

The fee for commercial (including industrial) shall be computed on the basis of \$5,973 per acre within each platted lot or tract, irrespective of the number of structures to be constructed thereon.

The applicable fee shall be paid in respect to each lot or building site as a condition of City's issuance of any building or sewer connection permit.

- A. **Changes in Use.** If the use of a lot changes subsequent to payment of the fee, which different use would require payment of a fee greater than that payable in respect to the use for which the fee was originally paid, the difference in fee shall be paid to the City at time of such change in use.
- B. **Existing Structures.** Structures for which sewer connection and building permits have been issued, and all permit fees in respect thereto paid, prior to the effective date hereof shall be exempt from the fees herein imposed.
- C. **Preconnection Payments.** Where preconnection payment charges for a subdivision or portion thereof have been paid to City at time of subdivision of a tract pursuant to agreement between the City and the developer and the sanitary and improvement district, if any, financing improvements of the subdivision, the preconnection payment so made shall be credited by City to the sewer/drainage fees payable at time of connection of the individual properties to the sewer/drainage systems of the City.
- D. **Sewer Tap and Inspection and Sewer Service Fees.** The fees imposed by Section 3 hereof are in addition to and not in lieu of (1) sewer tap and inspection fees payable pursuant to Section 3-122 of the La Vista Municipal Code and listed herein and (2) sewer service charges imposed by Section 2 hereof.

Section 4. Sewer Inspection Charges Established for Installation. Inspection charges for nonresidential property sewer installation shall be:

Sewer Tap Fee (Inspection Fee)	
Service Line w/inside diameter of 4"	\$400
Service Line w/inside diameter of 6"	\$600
Service Line w/inside diameter of 8"	\$700
Service Line w/inside diameter over 8"	Special permission/set by Council

Section 5. Miscellaneous Sewer Related Fees: Miscellaneous sewer related fees shall be:

Private Sewage Disposal System Const. Permit	\$ 1,500
Appeal Fee Re: Issuance or Denial of Sewer Permits	\$ 1,500

Section 6. Repeal of Ordinance No. 1158. Ordinance No. 1158 as originally approved on November 15, 2011, and all ordinances in conflict herewith are hereby repealed.

Section 7. Severability Clause. If any section, subsection, sentence, clause or phrase of this ordinance is, for any reason, held to be unconstitutional or invalid, such unconstitutionality or invalidity shall not affect the validity of the remaining portions of this ordinance. The Mayor and City Council of the City of La Vista hereby declare that it would have passed this ordinance and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses or phrases be declared unconstitutional or invalid.

ORDINANCE RECORD

No. 728-REVISID @ COMPANY INC., OREGON

Amended Master Fee Schedule 13/14 Fiscal Year

Section 8. Effective Date. This Ordinance shall take effect from and after its passage, approval and publication in pamphlet form as provided by law; provided, however, that:

(1) Pawnbroker occupation taxes of Section 1 shall be effective April 1, 2003. Pawnbroker occupations taxes shall be payable on a monthly basis no later than the last day of the calendar month immediately following the month in which the subject pawnbroker transactions occur. For example, the occupation tax on pawnbroker transactions for the month of April 2003 shall be due and payable on or before May 31, 2003.

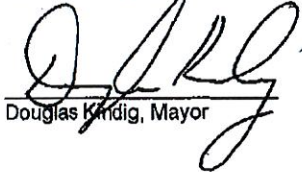
(2) Pawnbroker permit fees shall be effective January 1, 2004. Annual pawnbroker permit fees shall be due and payable annually on or before January 1. Initial pawnbroker permit fees shall be due and payable on or before the date that the pawnbroker license is issued. Issuance of renewal of pawnbroker permits shall be subject to payment of applicable permit fees.

(3) Rental Inspection Program License fees shall be effective January 1, 2011


(4) The remaining provisions of this Ordinance other than those specified in Sections 8(1), 8(2) and 8(3) shall take effect upon publication.

PASSED AND APPROVED THIS 21ST DAY OF JANUARY, 2014.

CITY OF LA VISTA


Douglas Kindig, Mayor

ATTEST:


Pamela A. Bueth, CMC
City Clerk

K:\APPS\City Hall\ORDINANCES\Master Fee Add Children's Mini Camp And Class 2 Liquor License Redlined.Doc

APPENDIX "B"

APPENDIX "B"

Revised August 9, 2014 Projected Expenses, Based on projections from Finance Director on June 27, 2014

	FY14 Budget 10/13-9/14	FY15 10/14-9/15	FY16 10/15-9/16	FY17 10/16-9/17	FY18 10/17-9/18	FY19 10/18-9/19	Comments
Personnel, Dept. 41	\$429,747	\$403,782	\$412,763	\$421,970	\$431,408	\$441,084	
Personnel, Dept. 42	\$384,223	\$374,394	\$383,548	\$392,968	\$402,664	\$412,646	
Commodities, Dept. 41	\$4,322	\$3,469	\$3,642	\$3,825	\$4,016	\$4,217	
Commodities, Dept. 42	\$73,739	\$65,919	\$39,815	\$166,806	\$43,896	\$46,091	
Contr. Services, Dept. 41	\$118,512	\$90,075	\$88,279	\$92,693	\$97,327	\$102,194	
Contr. Services, Dept. 42 includes Omaha Treat fee	\$1,845,506	\$2,197,072	\$2,466,277	\$2,716,237	\$3,004,849	\$3,279,395	
Maintenance, Dept. 41	\$0	\$0	\$0	\$0	\$0	\$0	
Maintenance, Dept. 42	\$40,866	\$35,066	\$36,819	\$38,660	\$40,593	\$42,623	
Other Charges, Dept. 41	\$8,754	\$8,345	\$9,222	\$9,683	\$10,167	\$10,676	
Other Charges Dept. 42	\$150	\$150	\$158	\$165	\$174	\$182	
Other Charges, Dept. 43	\$4,816	\$4,960	\$5,109	\$5,263	\$5,420	\$5,583	Local match only
Capital Outlay, Dept. 41	\$0	\$0	\$0	\$0	\$0	\$0	
Capital Outlay, Dept. 42	\$0	\$0	\$0	\$0	\$0	\$0	
Capital Equipment	\$0	\$0	\$0	\$0	\$0	\$0	See special estimates
Subtotals w/ Omaha Fees	\$2,910,635	\$3,183,232	\$3,445,632	\$3,848,270	\$4,040,514	\$4,344,691	
Capital Equipment	\$20,000	\$93,000	\$95,790	\$98,664	\$101,624	\$104,672	\$513,750
Capital Bldg Costs		0	0	0	0	0	0
Capital System Costs		\$0	\$0	\$0	\$200,000	\$200,000	\$400,000
Added Personnel		\$0	\$70,994	\$189,653	\$199,006	\$204,977	\$664,630
Increases in Sys Reserves		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Subtotals Eqt & Personnel	\$20,000	\$143,000	\$216,784	\$338,317	\$550,630	\$559,649	
Totals w/ Omaha fees	\$2,930,635	\$3,326,232	\$3,662,416	\$4,186,586	\$4,591,144	\$4,904,340	Annexations & Succession Planning, SID 237 in FY17

SEWER FUND

FY12-13 Actual FY13-14 Budget FY13-14 YE Estimate FY14-15 Requested FY14-15 Recommended FY15-16 Projected FY16-17 Projected FY17-18 Projected FY18-19 Projected

SEWER FUND

Cash Balance																		
Investments																		
County Treasurer																		
2-01-0010 Total Brought Forward	697,362.00	888,075.46	1,480,137.00	1,237,171.00	1,237,171.00	1,088,529.80	967,088.25	779,156.68	768,820.09									
2014 SID Admin Fee																		
5020 Sewer Serv. Chges. Billed	223,063.20	234,755.00	234,755.00	258,230.50	258,230.50	284,053.55	312,458.91	343,704.80	378,075.28									
5021 User Fee	2,136,910.55	2,557,023.00	2,557,023.00	2,812,725.30	2,812,725.30	3,093,997.83	3,403,397.61	3,743,737.37	4,118,111.11									
5022 NE Tax Coll. Fee	335.63	200.00	250.00	200.00	200.00	200.00	200.00	200.00	200.00									
5023 Late Charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
5025 Serv Charge/Hook Up Fees	287,104.04	125,000.00	125,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00									
2009 County Grants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
2010 State Grants	24,082.00	24,082.00	24,233.00	24,082.00	24,082.00	24,082.00	24,082.00	24,082.00	24,082.00									
8001 Miscellaneous	528.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
8010 Interest on Investments	3,297.81	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00									
Total Income	2,675,322.19	2,944,060.00	2,944,261.00	3,198,237.80	3,198,237.80	3,505,333.38	3,843,138.52	4,214,724.17	4,623,468.39									
Total Available	3,372,684.19	3,832,135.46	4,424,398.00	4,435,408.80	4,435,408.80	4,593,863.18	4,810,226.77	4,993,880.85	5,392,288.48									
EXP % OF REVENUE	91%	100%	97%	104%	101%	99%	101%	97%	95%									
Total Operating Expenditures	2,446,036.64	2,953,704.00	2,870,256.00	3,315,877.00	3,236,879.00	3,476,774.93	3,881,070.08	4,075,060.76	4,381,072.47									
Total Capital Expenditures	36,000.00	20,000.00	16,971.00	60,000.00	60,000.00	100,000.00	100,000.00	100,000.00	100,000.00									
Sewer Replacement Reserve	300,000.00	300,000.00	300,000.00	350,000.00	350,000.00	400,000.00	450,000.00	500,000.00	550,000.00									
Balance Forward	890,647.55	858,431.46	1,237,171.00	1,009,531.80	1,088,529.80	967,088.25	779,156.68	768,820.09	861,216.01									
Reserve %	36%	29%	43%	30%	34%	28%	20%	19%	20%									

FY12-13 Actual FY13-14 Budget FY13-14 YE Estimate FY14-15 Requested FY14-15 Recommended FY15-16 Projected FY16-17 Projected FY17-18 Projected FY18-19 Projected

41-SEWER ADMINISTRATION

	FY12-13 Actual	FY13-14 Budget	FY13-14 YE Estimate	FY14-15 Requested	FY14-15 Recommended	FY15-16 Projected	FY16-17 Projected	FY17-18 Projected	FY18-19 Projected
PERSONNEL SERVICES									
101 Salaries - Full-Time	278,550.35	321,808.00	329,619.00	360,330.00	310,418.00	316,626.36	322,958.89	329,418.06	336,006.43
102 Salaries - Part-Time	17,436.24	21,524.00	16,969.00	20,212.00	18,365.00	18,732.30	19,106.95	19,489.08	19,878.87
103 Overtime Salaries	2,673.88	1,264.00	171.00	438.00	888.00	905.76	923.88	942.35	961.20
104 FICA	21,721.48	26,356.00	26,395.00	29,170.00	25,231.00	25,735.62	26,250.33	26,775.34	27,310.85
105 Insurance Charges	32,431.65	39,580.00	39,279.00	34,505.00	30,191.00	31,700.55	33,285.58	34,949.86	36,697.35
106 Other Personnel Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107 Pension/ICMA	14,480.29	16,653.00	17,464.00	17,104.00	14,878.00	15,175.56	15,479.07	15,788.65	16,104.43
108 Self Insurance Expense	2,395.85	2,562.00	2,562.00	4,572.00	3,811.00	3,887.22	3,964.96	4,044.26	4,125.15
109 Other Commodities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Personnel Services	369,689.74	429,747.00	432,459.00	466,331.00	403,782.00	412,763.37	421,969.65	431,407.61	441,084.26

COMMODITIES

200 Inter-Fund Transfers									
201 Office Supplies	4,341.71	3,786.00	3,636.00	3,544.00	3,079.00	3,232.95	3,394.60	3,564.33	3,742.54
202 Books and Periodicals	128.21	429.00	610.00	769.00	311.00	326.55	342.88	360.02	378.02
203 Food Supplies	16.00	107.00	43.00	95.00	79.00	82.95	87.10	91.45	96.02
204 Wearing Apparel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
205 Motor Vehicle Supplies	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
211 Other Commodities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Commodities	4,485.92	4,322.00	4,289.00	4,408.00	3,469.00	3,642.45	3,824.57	4,015.80	4,216.59

CONTRACTUAL SERVICES

301 Postage	851.83	1,286.00	1,286.00	1,929.00	1,608.00	1,688.40	1,772.82	1,861.46	1,954.53
302 Telephone	1,830.23	2,211.00	1,510.00	1,963.00	1,636.00	1,717.80	1,803.69	1,893.87	1,988.57
303 Professional Services-Other	4,533.70	1,950.00	2,550.00	2,759.00	1,625.00	1,706.25	1,791.56	1,881.14	1,975.20
304 Utilities	7,432.18	7,860.00	7,860.00	8,096.00	6,747.00	7,084.35	7,438.57	7,810.50	8,201.02
305 Insurance & Bonds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
306 Rentals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
307 Car Allowance	1,812.00	1,548.00	2,204.00	2,196.00	1,830.00	1,921.50	2,017.58	2,118.45	2,224.38
308 Legal Advertising	323.61	300.00	600.00	450.00	375.00	393.75	413.44	434.11	455.81
309 Printing	785.38	1,304.00	1,286.00	1,304.00	1,087.00	1,141.35	1,198.42	1,258.34	1,321.26
310 Dues and Subscriptions	1,870.61	2,254.00	2,274.00	2,720.00	2,268.00	2,381.40	2,500.47	2,625.49	2,756.77
311 Travel Expense	6,131.78	11,468.00	12,102.00	13,679.00	9,246.00	9,708.30	10,193.72	10,703.40	11,238.57
312 Uniform Cleaning	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
313 Training Assistance	3,219.09	9,739.00	9,798.00	16,782.00	11,867.00	6,160.35	6,468.37	6,791.79	7,131.38
314 Other Contractual Services	8,373.26	21,978.00	21,978.00	16,045.00	7,641.00	8,023.05	8,424.20	8,845.41	9,287.68
320 Prof Services-Auditing	13,019.00	15,900.00	14,858.00	15,045.00	12,538.00	13,164.90	13,823.15	14,514.30	15,240.02
321 Professional Services-Legal	49,555.34	40,714.00	21,429.00	26,357.00	31,607.00	33,187.35	34,846.72	36,589.05	38,418.51
Total Contractual Services	99,738.01	118,512.00	99,735.00	109,325.00	90,075.00	88,278.75	92,692.69	97,327.32	102,193.69

FY12-13 Actual FY13-14 Budget YE Estimate FY13-14 FY14-15 Requested FY14-15 Recommended FY15-16 Projected FY16-17 Projected FY17-18 Projected FY18-19 Projected

	FY12-13 Actual	FY13-14 Budget	YE Estimate	FY13-14	FY14-15 Requested	FY14-15 Recommended	FY15-16 Projected	FY16-17 Projected	FY17-18 Projected	FY18-19 Projected
MAINTENANCE										
401 Building and Grounds	11.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
409 Machine Equip & Tool Maint	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
410 Vehicle Maintenance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Maintenance	11.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHER CHARGES										
505 Other Charges	8,936.45	8,754.00	3,345.00	4,605.00	8,345.00	9,222.15	9,683.26	10,167.42	10,675.79	
509 Refunds/Judgements	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
510 County Treasurer Fee	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
514 Financial Lending Bond Fees	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
515 "Fee" Expense	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Other Charges	8,936.45	8,754.00	3,345.00	4,605.00	8,345.00	9,222.15	9,683.26	10,167.42	10,675.79	
CAPITAL OUTLAY										
610 Office Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
618 Other Capital Outlay	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Capital Outlay	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TOTAL	482,861.61	561,335.00	539,828.00	584,669.00	505,671.00	513,906.72	528,170.17	542,918.16	558,170.33	
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FY12-13 Actual FY13-14 Budget FY13-14 YE Estimate FY14-15 Requested FY14-15 Recommended FY15-16 Projected FY16-17 Projected FY17-18 Projected FY18-19 Projected

42-SEWER OPERATIONS

	FY12-13 Actual	FY13-14 Budget	FY13-14 YE Estimate	FY14-15 Requested	FY14-15 Recommended	FY15-16 Projected	FY16-17 Projected	FY17-18 Projected	FY18-19 Projected
PERSONNEL SERVICES									
101 Salaries - Full-Time	251,862.64	239,911.00	239,911.00	240,084.00	240,084.00	244,885.68	249,783.39	254,779.06	259,874.64
102 Salaries - Part-Time	12,888.69	28,713.00	28,713.00	29,071.00	29,071.00	29,652.42	30,245.47	30,850.38	31,467.39
103 Overtime Salaries	5,811.00	12,102.00	7,261.00	12,062.00	12,062.00	12,303.24	12,549.30	12,800.29	13,056.30
104 FICA	19,752.96	21,542.00	21,105.00	21,596.00	21,596.00	22,027.92	22,468.48	22,917.85	23,376.20
105 Insurance Charges	56,478.75	66,783.00	57,000.00	55,531.00	55,531.00	58,307.55	61,222.93	64,284.07	67,498.28
106 Other Personnel Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107 Pension	15,460.37	15,172.00	14,830.00	16,050.00	16,050.00	16,371.00	16,698.42	17,032.39	17,373.04
108 Pension/ICMA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109 Self Insurance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Personnel Services	362,254.41	384,223.00	368,820.00	374,394.00	374,394.00	383,547.81	392,967.99	402,664.04	412,645.84

COMMODITIES

200 Inter-Fund Transfers		36,000.00	20,000.00	28,000.00	28,000.00	210.00	125,000.00	231.53	243.10
201 Office Supplies	196.49	200.00	200.00	200.00	200.00	105.00	110.25	115.76	121.55
203 Food Supplies	38.19	100.00	50.00	100.00	100.00	1,659.00	1,741.95	1,829.05	1,920.50
204 Wearing Apparel	1,044.61	1,400.00	1,400.00	1,580.00	1,580.00	26,920.95	28,267.00	29,680.35	31,164.36
205 Motor Vehicle Supplies	25,709.74	25,639.00	25,639.00	25,639.00	25,639.00	1,050.00	1,102.50	1,157.63	1,215.51
206 Maint/Lab/Med Tool Supply	600.96	1,000.00	1,020.00	1,000.00	1,000.00	210.00	220.50	231.53	243.10
207 Janitor Supplies	293.10	200.00	200.00	200.00	200.00	8,925.00	9,371.25	9,839.81	10,331.80
208 Chemical Supplies	8,306.00	8,500.00	8,500.00	8,500.00	8,500.00	735.00	771.75	810.34	850.85
209 Welding Supplies	513.11	700.00	300.00	700.00	700.00	0.00	0.00	0.00	0.00
211 Other Commodities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Commodities	36,702.20	73,739.00	57,309.00	65,919.00	65,919.00	39,814.95	166,805.70	43,895.98	46,090.78

CONTRACTUAL SERVICES

301 Postage	703.14	675.00	675.00	675.00	675.00	708.75	744.19	781.40	820.47
302 Telephone	92.94	0.00	440.00	480.00	480.00	504.00	529.20	555.66	583.44
303 Professional Services-Other	890.00	2,664.00	2,664.00	2,814.00	2,814.00	2,954.70	3,102.44	3,257.56	3,420.43
304 Utilities	4,554.43	9,000.00	8,000.00	9,270.00	9,270.00	9,733.50	10,220.18	10,731.18	11,267.74
305 Insurance and Bonds	120,925.70	130,000.00	125,000.00	155,000.00	155,000.00	162,750.00	170,887.50	179,431.88	188,403.47
306 Rentals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
308 Legal Advertising	0.00	150.00	150.00	150.00	150.00	157.50	165.38	173.64	182.33
309 Printing	2,249.50	2,325.00	2,325.00	2,348.00	2,348.00	2,465.40	2,588.67	2,718.10	2,854.01
310 Dues and Subscriptions	9.53	120.00	40.00	40.00	40.00	42.00	44.10	46.31	48.62
311 Travel Expense	4,739.72	6,064.00	5,064.00	9,366.00	9,366.00	9,834.30	10,326.02	10,842.32	11,384.43
312 Towel and Cleaning Services	938.98	1,500.00	1,500.00	1,500.00	1,500.00	1,575.00	1,653.75	1,736.44	1,823.26
313 Training Assistance	1,530.00	2,395.00	1,695.00	2,895.00	2,895.00	3,039.75	3,191.74	3,351.32	3,518.89
314 Other Contractual Services	1,352,308.10	1,670,613.00	1,657,380.00	1,992,684.00	1,992,684.00	2,251,670.00	2,490,899.00	2,768,244.00	3,030,960.00
320 Prof Services-Auditing	4,339.48	5,000.00	5,000.00	4,850.00	4,850.00	5,092.50	5,347.13	5,614.48	5,895.21
321 Professional Services-Legal	1,240.00	15,000.00	4,000.00	15,000.00	15,000.00	15,750.00	16,337.50	17,364.38	18,232.59
Total Contractual Services	1,494,521.52	1,845,506.00	1,813,933.00	2,197,072.00	2,197,072.00	2,466,277.40	2,716,236.77	3,004,848.66	3,279,394.89

	FY12-13 Actual	FY13-14 Budget	FY13-14 YE Estimate	FY14-15 Requested	FY14-15 Recommended	FY15-16 Projected	FY16-17 Projected	FY17-18 Projected	FY18-19 Projected
MAINTENANCE									
401 Building and Grounds	8,427.16	13,300.00	13,300.00	10,500.00	10,500.00	11,025.00	11,576.25	12,155.06	12,762.82
405 Sanitary Sewers	4,479.31	7,527.00	7,527.00	4,527.00	4,527.00	4,753.35	4,991.02	5,240.57	5,502.60
409 Machine Equip and Tool Maint.	7,167.05	5,509.00	4,509.00	5,509.00	5,509.00	5,784.45	6,073.67	6,377.36	6,696.22
410 Motor Vehicle Maintenance	11,131.88	13,030.00	16,000.00	13,030.00	13,030.00	13,681.50	14,365.58	15,083.85	15,838.05
411 Radio Maintenance	576.48	1,500.00	1,500.00	1,500.00	1,500.00	1,575.00	1,653.75	1,736.44	1,823.26
412 Other Maintenance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Maintenance	31,781.88	40,866.00	42,836.00	35,066.00	35,066.00	36,819.30	38,660.27	40,593.28	42,622.94
OTHER CHARGES									
505 Other Charges	128.25	150.00	274.00	150.00	150.00	157.50	165.38	173.64	182.33
Total Other Charges	128.25	150.00	274.00	150.00	150.00	157.50	165.38	173.64	182.33
CAPITAL OUTLAY									
610 Office Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
613 Motor Vehicles	36,000.00	20,000.00	16,971.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
618 Other Capital Outlay	36,000.00	20,000.00	16,971.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
Total Capital Outlay	72,000.00	40,000.00	33,942.00	120,000.00	120,000.00	120,000.00	120,000.00	120,000.00	120,000.00
TOTAL	1,961,388.26	2,364,484.00	2,300,143.00	2,732,601.00	2,732,601.00	2,926,616.96	3,314,836.10	3,492,175.60	3,780,936.78

	FY12-13 Actual	FY13-14 Budget	FY13-14 YE Estimate	FY14-15 Requested	FY14-15 Recommended	FY15-16 Projected	FY16-17 Projected	FY17-18 Projected	FY18-19 Projected
43-STORM WATER MANAGEMENT									
OTHER CHARGES									
505 Other Charges	37,786.77	47,885.00	47,256.00	58,607.00	58,607.00	36,251.25	38,063.81	39,967.00	41,965.35
TOTAL	37,786.77	47,885.00	47,256.00	58,607.00	58,607.00	36,251.25	38,063.81	39,967.00	41,965.35

APPENDIX "C"

PERSONNEL COST PROJECTIONS - FY15 - FY19
 BASED ON STAFFING PLANS SUBMITTED IN FY 15 BUDGET DOCUMENTS
 ADDITIONAL STAFFING FOR EXPECTED ANNEXATIONS

Position Title & Classification	FY 15-50% to Sewers	FY 15-25% to Sewers	FY 16-50% to Sewers	FY 16-25% to Sewers	FY 17-50% to Sewers	FY 17-25% to Sewers	FY 18-50% to Sewers	FY 18-25% to Sewers	FY 19-50% to Sewers	FY 19-25% to Sewers
Executive Assistant, Range 140		\$13,846				\$14,262			\$14,689	
CAD Tech, Range 160		\$33,067				\$34,059			\$35,082	
PW Intern, Range 115 (delete in FY 17)		-\$10,431				-\$10,744			-\$11,066	
Secy/Receptionist, Range 100		\$19,954				\$20,553			\$21,170	
Sewer MW II, Range 140 (add 1 in FY16, 2 in FY 17 and 3 in FY 18 & 19)		\$55,654		\$114,648		\$177,132			\$182,445	
Sewer MW I, Range 130 (delete 1 in FY 18 & 19 due to promotions)						-\$55,382			-\$57,043	
Sewers Part Time, Range 100		\$15,340		\$15,800		\$16,274			\$16,762	
Subtotals		\$70,994	\$0	\$130,448	\$42,590	\$13,846	\$43,868	\$14,262	\$142,164	\$45,186
Total by FY		\$70,994	\$186,884	\$196,154	\$202,039					

City Engineer

Costs of Full Time Position as of FY 15 value

Item	Hrs./Factor	Rate or Base Factor	Amount	Increase for FY 15 = 2.5%	Commentary about this item	50% to 01.19	50% to 02.41
Salary	2080	\$43.93	\$91,374.40	\$93,658.76	Salary at Oct. 1, 2014 for base	\$46,829.38	\$46,829.38
FICA, 7.65%	0.0765		\$7,164.90	\$7,312.45		\$3,582.45	\$3,582.45
Insurance		Per Finance Dept	\$10,925.00	\$11,177.07	Employee Spouse Coverage	\$5,462.50	\$5,462.50
Pension, 6%	0.06		\$5,619.53	\$5,753.50		\$2,809.76	\$2,809.76
LTD Ins..25%	0.0025		\$234.45	\$239.45		\$117.07	\$117.07
Totals			\$117,602.33	\$120,043.15		\$58,801.16	\$58,801.16

Reductions for deletion of Part-Time Intern Position as of FY 15 value

Salary	1500	\$12.24	\$18,360.00	\$18,819.00	25 hr/wk	\$9,409.50	\$9,409.50
FICA, 7.65%	0.0765		\$1,439.65	\$1,474.65		\$719.83	\$719.83
Insurance	0		0	0	No insurance for PT		
Pension	0		0	0	No pension for PT		
LTD Ins..25%			0	0	No LTD for PT		
Totals			\$20,258.65	\$20,773.65		\$10,129.33	\$10,129.33

Staff Engineer-New Position

Costs of Full Time Position as of FY 15 value

Item	Hrs./Factor	Rate or Base Factor	Amount	Increase for FY 15 = 2.5%	Commentary about this item	50% to 01.19	50% to 02.41
Salary	2080	\$27.06	\$56,284.80	\$57,691.92	Salary at Oct. 1, 2014 for base	\$28,845.96	\$28,845.96
FICA, 7.65%	0.0765		\$4,413.43	\$4,521.43		\$2,206.72	\$2,206.72
Insurance		Per Finance Dept	\$15,107.00	\$15,361.52	Assume Family Ins Coverage	\$7,553.50	\$7,553.50
Pension, 6%	0.06		\$3,461.52	\$3,544.23		\$1,730.76	\$1,730.76
LTD Ins..25%	0.0025		\$144.23	\$147.23		\$72.11	\$72.11
Totals			\$80,818.10	\$82,168.10		\$40,409.05	\$40,409.05

Sewer Foreman-Advancement Position

Costs of Full Time Position as of FY 15 value

Item	Hrs./Factor	Rate or Base Factor	Amount	Increase for FY 15 = 2.5%	Commentary about this item	100% to 02.42
Salary	2080	\$20.72	\$43,097.60	\$44,175.04	Salary at Oct. 1, 2014 for base	\$44,175.04
FICA, 7.65%	0.0765		\$3,379.39	\$3,461.52		\$3,379.39
Insurance		Per Finance Dept	\$15,107.00	\$15,361.52	Assume Family Ins Coverage	\$15,107.00
Pension, 6%	0.06		\$2,650.50	\$2,712.50		\$2,650.50
Totals			\$64,234.49	\$65,710.58		\$65,710.58

LTD Ins. .25% 0.0025 \$110.44 \$110.44
 Totals \$65,422.37 \$65,422.37

Sewer Supt-New Position

Costs of Full Time Position as of FY 15 value

Item	Hrs./Factor	Rate or Base Factor	Amount	Increase for FY 15 = 2.5%	Commentary about this item
Salary	2080	\$27.06	\$56,284.80	\$57,691.92	Salary at Oct. 1, 2014 for base
FICA, 7.65%	0.0765			\$4,413.43	
Insurance		Per Finance Dept		\$6,018.00	Assume Single Coverage
Pension, 6%	0.06			\$3,461.52	
LTD Ins. .25%	0.0025			\$144.23	
Totals				\$71,729.10	

Sewer Maintenance I-Added Position

Costs of Full Time Position as of FY 15 value

Item	Hrs./Factor	Rate or Base Factor	Amount	Increase for FY 15 = 2.5%	Commentary about this item
Salary	2080	\$14.65	\$30,472.00	\$31,233.80	Salary at Oct. 1, 2014 for base
FICA, 7.65%	0.0765			\$2,389.39	
Insurance		Per Finance Dept		\$15,107.00	Assume Family Ins Coverage
Pension, 6%	0.06			\$1,874.03	
LTD Ins. .25%	0.0025			\$78.08	
Totals				\$50,682.30	

Sewer Seasonal-Additional position

Salary	1040	\$9.27	\$9,640.80	\$9,881.82	25 hr/wk
FICA, 7.65%	0.0765			\$755.96	
Insurance			0		No insurance for PT
Pension			0		No pension for PT
LTD Ins..25%					No LTD for PT
Totals				\$10,637.78	

Executive Assistant, Range 140

Costs of Full Time Position as of FY 15 value

Item	Hrs./Factor	Rate or Base Factor	Amount	Increase for FY 15 = 2.5%	Commentary about this item
Salary	2080	\$27.06	\$56,284.80	\$57,691.92	Salary at Oct. 1, 2014 for base
FICA, 7.65%	0.0765			\$4,413.43	
Insurance		Per Finance Dept		\$6,018.00	Assume Single Coverage
Pension, 6%	0.06			\$3,461.52	
LTD Ins. .25%	0.0025			\$144.23	
Totals				\$71,729.10	

Item	Hrs./Factor	Rate or Base Factor	Amount	Increase for FY 15 = 2.5%	Commentary about this item	FY15	FY16	FY17	FY18	FY19
Salary	2080	\$19.02	\$39,561.60	\$40,550.64	Assumed advancement of Norris at top end of 130 Range	\$10,137.66				
FICA, 7.65%	0.0765			\$3,102.12	Salary at Oct. 1, 2014 for base	\$775.53				
Insurance		Per Finance Dept		\$6,018.00	Assume single coverage	\$1,504.50				
Pension, 6%	0.06			\$2,433.04		\$608.26				
LTD Ins..25%	0.0025			\$101.38		\$25.34				
Totals				\$52,205.18		\$13,051.29	\$13,442.83	\$13,846.12	\$14,261.50	\$14,689.35

CAD Tech, Range 160

Costs of Full Time Position as of FY 15 value

Item	Hrs./Factor	Rate or Base Factor	Amount	Increase for FY 15 = 2.5%	Commentary about this item	FY15	FY16	FY17	FY18	FY19
Salary	2080	\$19.45	\$40,456.00	\$41,467.40	Salary at Oct. 1, 2014 for base	\$20,733.70				
FICA, 7.65%	0.0765			\$3,172.26		\$1,586.13				
Insurance		Per Finance Dept		\$15,107.00	Assume Family Ins Coverage	\$7,553.50				
Pension, 6%	0.06			\$2,488.04		\$1,244.02				
LTD Ins..25%	0.0025			\$103.67		\$51.83				
Totals				\$62,338.37		\$31,169.18	\$32,104.26	\$33,067.39	\$34,059.41	\$35,081.19

Public Works Intern, Range 115

Position goes away when CAD Tech hired

Item	Hrs./Factor	Rate or Base Factor	Amount	Increase for FY 15 = 2.5%	Commentary about this item	FY15	FY16	FY17	FY18	FY19
Salary	1456	\$12.24	\$17,821.44	\$18,266.98	25 hr/wk	\$9,133.49				
FICA, 7.65%	0.0765			\$1,397.42		\$698.71				
Insurance			0	0	No insurance for PT					
Pension			0	0	No pension for PT					
LTD Ins..25%			0	0	No LTD for PT					
Totals				\$19,664.40		\$9,832.20	\$10,127.17	\$10,430.98	\$10,743.91	\$11,066.23

Secretary/Receptionist, Range 100

Costs of Full Time Position as of FY 15 value

Item	Hrs./Factor	Rate or Base Factor	Amount	Increase for FY 15 = 2.5%	Commentary about this item	FY15	FY16	FY17	FY18	FY19
Salary	2080	\$9.27	\$19,281.60	\$19,763.64	Salary at Oct. 1, 2014 for base	\$9,881.82				
FICA, 7.65%	0.0765			\$1,511.92		\$755.96				
Insurance		Per Finance Dept		\$15,107.00	Assume Family Ins Coverage	\$7,553.50				
Pension, 6%	0.06			\$1,185.82		\$592.91				
LTD Ins..25%	0.0025			\$49.41		\$24.70				
Totals				\$37,537.76		\$19,866.99	\$20,379.65	\$20,817.47	\$21,289.91	\$21,762.61

Totals \$18,808.89 \$19,373.16 \$19,954.35 \$20,552.99 \$21,169.57

Sewer Maintenance II-Added Position, Range 140

Costs of Full Time Position as of FY 15 value

Item	Hrs./Factor	Rate or Base Factor	Amount	Increase for FY 15 = 2.5%	Commentary about this item	FY 15	FY 16	FY 17	FY 18	FY 19
Salary	2080	\$16.03	\$33,342.40	\$34,175.96	Salary at Oct. 1, 2014 for base	\$34,175.96				
FICA, 7.65%	0.0765			\$2,614.46		\$2,614.46				
Insurance		Per Finance Dept		\$15,107.00	Assume Family Ins Coverage	\$15,107.00				
Pension, 6%	0.06			\$2,050.56		\$2,050.56				
LTD Ins..25%	0.0025			\$85.44		\$85.44				
Totals				\$54,033.42		\$54,033.42	\$55,654.42	\$57,324.05	\$59,043.78	\$60,815.09

Sewers Part Time, Range 100

Item	52 weeks @ 28 hours per week	Rate or Base Factor	Amount	Increase for FY 15 = 2.5%	Commentary about this item	FY 15	FY 16	FY 17	FY 18	FY 19
Salary	1456	\$9.27	\$13,497.12	\$13,834.55	Increase 2.5% for FY 15 rates	\$13,834.55				
FICA, 7.65%	0.0765			\$1,058.34		\$1,058.34				
Insurance			0		No insurance for PT					
Pension			0		No pension for PT					
LTD Ins..25%					No LTD for PT					
Totals				\$14,892.89		\$14,892.89	\$15,339.68	\$15,799.87	\$16,273.86	\$16,762.08

APPENDIX "D"

Appendix "D"

Comparison of Sewer Bills at 2014 Rates
La Vista & Surrounding Communities

Typical Sewer Bill	La Vista	Omaha	Papillon	Bellevue	Lincoln	Council Bluffs	Sarpy County
Single Family (Ave. 6.18Ccf/Mo)	\$21.25	\$36.25	In City Limit Out City Limit	\$18.37 \$27.55	\$17.17	\$13.29	\$18.97
24 Unit Apt. Bldg. (Ave. 4.65Ccf/Unit/Mo)	\$411.25	\$265.62	In City Limit Out City Limit	\$223.81 \$335.71	\$234.34	\$182.95	\$145.47
General Comm. (Ave. 73.4Ccf/Mo)	\$170.46	\$218.71	In City Limit Out City Limit	\$151.79 \$227.68	\$147.75	\$123.35	\$100.23

APPENDIX "E"

AVERAGE BILL COMPARISONS THROUGH STUDY PERIOD

User Category & Jurisdiction	Average Bill In Each Fiscal Year					
	FY 14*	FY 15	FY 16	FY 17	FY 18	FY 19
Single Family Account						
La Vista, 8% Option	21.25	22.96	24.78	26.79	28.91	31.23
La Vista, 9% Option	21.25	23.15	25.26	27.49	29.98	32.67
La Vista, 10% Option	21.25	23.36	25.73	28.26	31.11	34.22
Omaha	36.25	40.71	44.27	48.14	52.34	56.93
Apartment Account						
La Vista, 8% Option	411.25	408.77	407.63	408.77	411.09	374.65
La Vista, 9% Option	411.25	411.08	413.38	416.86	423.75	391.95
La Vista, 10% Option	411.25	413.39	419.12	426.05	437.54	410.39
Omaha	265.62	280.85	307.58	336.87	369.14	404.72
Gen. Commercial Account						
La Vista, 8% Option	170.46	184.21	198.85	215.03	231.99	250.5
La Vista, 9% Option	170.46	185.75	202.7	220.45	240.49	262.07
La Vista, 10% Option	170.46	187.3	206.55	226.62	249.72	274.39
Omaha	218.71	231.08	254.48	280.45	308.52	339.59
Average Bill Usage Rates						
Single Family						6.18 Ccf/Month
Apartments						4.65 Ccf/Unit/Month
General Commercial						73.4 Ccf/Month

* Average bills in this column are based on current rates in Master Fee Schedule and are do not vary with rate study scenarios.

APPENDIX "F"

Appendix "F"

Sewer Rate Comparisons 2015		
City	Family Residential	General Commercial
Papillion	Rates start Oct 1, 2014. Usage based on average of Dec., Jan., Feb, and Mar water usage. Sewer service charges are based on meter size. For $\leq 1''$ \$7.39 (in City) and \$11.09 (out of City). Use fee per 1000 gallons is \$2.77 (in City) and \$4.16 (out of City)	Usage based on water use each month. Rates same as residential.
Bellevue	Minimum monthly charges of \$8.56 for the first 2 Ccf. \$2.06 for each additional Ccf used.	Same as Residential
Lincoln-data is only through November 1, 2014	Based on a flat fee of \$1.859 per Unit. (1 Unit = 100 Cubic feet) for 3 month of winter. Service fee based on 10 different meter size such as. (\$1.65 for 5/8", \$3.20 for 3/4", \$5.70 for 1" and \$11.30 for 1 1/2 ") Rate through Nov 14 and change after.	Determined by each month water use. Usage fees same as residential. Service fee based on 10 different meter size.
Sarpy County	Starts Sept. 1, 2014 \$11.55 Customer Charge \$1.20/Ccf Flow Charge	\$12.15 Customer Charge \$1.20/Ccf Flow Charge
Council Bluffs	For the first 15Ccf/Month \$2.15/Ccf. Next 1985Ccf/Month \$1.56/Ccf and Over 2000Ccf/Month \$0.74/Ccf Min. Charge is \$6.46 per month	Same a residential
Omaha 2015	Minimum monthly charges of \$26.27 plus \$2.233/Ccf Plus storm water fee \$0.64/Month Apartments pay \$1.311/Ccf flow charge plus CSO charge based on meter size, typical meter is 1 1/2" which has CSO charge of \$120.16 and customer charge of \$13.74 and storm water fee of \$0.64.	Minimum monthly charge of \$13.74 plus \$1.311/Ccf. Plus CSO Charge based on meter size such as \$24.18 for 5/8", \$36.08 for 3/4" and 60.26 for 1", etc.

APPENDIX "G"

La Vista Sewer Study

June 10, 2014

La Vista Rates Increase 8% Per Year
 Single Family Cust. Charge
 Commercial Cust. Charge
 Flow Charge-per ccf
 Apartment unit charge, after 1st
 Apartment unit charge, 1st unit

Monthly Projections 50% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt Rate Structure, Sarpy WSA, deferred to FY 16

Transitioned Apts to new rate structure in FY19

	FY15	FY16	FY17	FY18	FY19	2014	2015	2016	2017	2018	2019
Single Family	\$7.58	\$8.84	\$9.55	\$10.31	\$11.14						
Commercial	\$8.13	\$9.48	\$10.24	\$11.06	\$11.95						
Apartment unit charge, after 1st	\$2,211.16	\$2.58	\$2.79	\$3.01	\$3.25						
Apartment unit charge, 1st unit	\$6.82	\$4.82	\$3.82	\$2.82	\$1.82						
	\$7.58	\$8.84	\$9.55	\$10.31	\$11.14						

Usage per month
 Single Family
 Commercial
 Apartments per unit

MUD Billing	2014	2015	2016	2017	2018	2019
	1,7062	1,7744	1,8454	1,9192	1,9960	2,0759

Mo./Yr.	Sing. Fam Accounts	SF, Ccf Usage	Apts. No. Accounts	Apts. No. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees	Other Adjustments	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
Oct. 14'	6408	\$147,047.60	39601	132	2866	13327	\$48,824.16	421	\$77,505.41	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57
Nov. 14'	6408	\$147,047.60	39601	132	2866	13327	\$48,824.16	421	\$77,505.41	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57
Dec. 14'	6408	\$147,047.60	39601	132	2866	13327	\$48,824.16	421	\$77,505.41	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57
Jan. 15'	6408	\$147,047.60	39601	132	2866	13327	\$48,824.16	421	\$77,505.41	30901	1,500.00	\$12,351.93	\$165,419.56		\$165,419.56
Feb 15'	6408	\$147,047.60	39601	132	2866	13327	\$48,824.16	421	\$77,505.41	30901	1,500.00	\$12,351.93	\$165,419.56		\$165,419.56
Mar. 15'	6408	\$147,047.60	39601	132	2866	13327	\$48,824.16	421	\$77,505.41	30901	1,500.00	\$12,351.93	\$165,419.56		\$165,419.56
Apr. 15'	6408	\$147,047.60	39601	132	2866	13327	\$48,824.16	421	\$77,505.41	30901	1,500.00	\$12,351.93	\$165,419.56		\$165,419.56
May 15'	6408	\$147,047.60	39601	132	2866	13327	\$48,824.16	421	\$77,505.41	30901	1,500.00	\$12,351.93	\$165,419.56		\$165,419.56
Jun. 15'	6408	\$147,047.60	39601	132	2866	13327	\$48,824.16	421	\$77,505.41	30901 50 a.f. and	1,500.00	\$12,351.93	\$165,419.56		\$165,419.56
Jul. 15'	6408	\$147,047.60	39601	132	2866	13327	\$48,824.16	421	\$77,505.41	30901 12 Ac. Comm	1,500.00	\$12,351.93	\$165,419.56		\$165,419.56
Aug. 15'	6408	\$147,047.60	39601	132	2866	13327	\$48,824.16	421	\$77,505.41	30901 150 apts =	1,500.00	\$12,351.93	\$165,419.56		\$165,419.56
Sep 15'	6408	\$147,047.60	39601	132	2866	13327	\$48,824.16	421	\$77,505.41	30901 7 bldgs.	1,500.00	\$12,351.93	\$165,419.56		\$165,419.56
Annual Totals	76896	\$1,764,571.19	475217	34392	159923	5585,889.90		\$930,064.89	370817	\$255,376.00	18,000.00	\$146,797.97	\$3,371,104.02	\$1,953,741.78	\$1,417,362.24

Assumed 6 comm/indus in Sarpy Ind Sr Area and 6 comm/indus in La Vista north of South Papio all at 2 acres per site average. For adding BVBP II one Papio Valley 2 portion of Sarpy Ind WSA to La Vista WSA, assumed 3 comm/ind connections at 2 acres per connection per year for this study but assumed no WSA expansion until FY 16.

Assumed each building has a meter read by MUD. Billing a Gen Comm. Customer per bldg.

Monthly Projections at 8% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt. Rate Structure
 Transitioned Apts to new rate structure in FY19

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Increased Tract Connection Fees-Omaha Rates			
La Vista Rates Increase 7% Per Year				\$8.84	\$9.55	\$10.31	\$11.14	Single Family	1100 /Unit		
Commercial Cust. Charge	7.02	\$7.58	\$8.19	\$8.84	\$9.55	\$10.31	\$11.14	Multi-Family	858 /Unit		
Flow Charge, per ccf	2.0478	\$2.2116	\$2.39	\$2.58	\$2.79	\$3.01	\$3.25	Comm./Ind	5973 /Ac		
Apartment unit charge, after 1st	6.31	\$6.82	\$7.38	\$7.95	\$8.52	\$9.10	\$9.68				
Apartment unit charge, 1st unit	7.02	\$7.58	\$8.19	\$8.84	\$9.55	\$10.31	\$11.14				

Usage per month	Single Family	Commercial
6.18		
73.4		
4.65		

MUD Billing	2014	2015	2016	2017	2018	2019
	1,7062	1,7744	1,8454	1,9192	1,9960	2,0759

Mo./Yr.	Sing. Fam Accounts	Sing. Fam. Billing	Sf. Ccf Usage	Apts. No. Accounts	Apts. No. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees	Other Adjustments Uncollectable	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
Projected FY 16 Revenue																
Assumed each building has a meter read by MUD. Bill as a Gen. Comm. Customer per building.																
Oct. 15'	6458	\$160,050.57	39910	139	3016	14024	\$51,273.57	460	\$91,460.06	33764	1,500.00	\$12,522.28	\$172,132.45	\$188,481.20	\$172,132.45	
Nov. 15'	6458	\$160,050.57	39910	139	3016	14024	\$51,273.57	460	\$91,460.06	33764	1,500.00	\$12,522.28	\$172,132.45	\$188,481.20	\$172,132.45	
Dec. 15'	6458	\$160,050.57	39910	139	3016	14024	\$51,273.57	460	\$91,460.06	33764	1,500.00	\$12,522.28	\$172,132.45	\$188,481.20	\$172,132.45	
Jan. 16'	6458	\$160,050.57	39910	139	3016	14024	\$51,273.57	460	\$91,460.06	33764	1,500.00	\$12,522.28	\$172,132.45	\$188,481.20	\$172,132.45	
Feb 16'	6458	\$160,050.57	39910	139	3016	14024	\$51,273.57	460	\$91,460.06	33764	1,500.00	\$12,522.28	\$172,132.45	\$188,481.20	\$172,132.45	
Mar. 16'	6458	\$160,050.57	39910	139	3016	14024	\$51,273.57	460	\$91,460.06	33764	1,500.00	\$12,522.28	\$172,132.45	\$188,481.20	\$172,132.45	
Apr. 16'	6458	\$160,050.57	39910	139	3016	14024	\$51,273.57	460	\$91,460.06	33764	1,500.00	\$12,522.28	\$172,132.45	\$188,481.20	\$172,132.45	
May 16'	6458	\$160,050.57	39910	139	3016	14024	\$51,273.57	460	\$91,460.06	33764	1,500.00	\$12,522.28	\$172,132.45	\$188,481.20	\$172,132.45	
Jun. 16'	6458	\$160,050.57	39910	139	3016	14024	\$51,273.57	460	\$91,460.06	33764	1,500.00	\$12,522.28	\$172,132.45	\$188,481.20	\$172,132.45	
Jul. 16'	6458	\$160,050.57	39910	139	3016	14024	\$51,273.57	460	\$91,460.06	33764	1,500.00	\$12,522.28	\$172,132.45	\$188,481.20	\$172,132.45	
Aug. 16'	6458	\$160,050.57	39910	139	3016	14024	\$51,273.57	460	\$91,460.06	33764	1,500.00	\$12,522.28	\$172,132.45	\$188,481.20	\$172,132.45	
Sep 16'	6458	\$160,050.57	39910	139	3016	14024	\$51,273.57	460	\$91,460.06	33764	1,500.00	\$12,522.28	\$172,132.45	\$188,481.20	\$172,132.45	
Annual Totals	77496	\$1,920,606.87	478925	36192	168293	6515,282.82	\$1,097,520.75	405168	\$1,097,520.75	405168	\$1,097,520.75	\$18,000.00	\$154,775.38	\$3,642,335.07	\$2,212,728.15	\$1,429,604.92

Monthly Projections at 8% Annual Rate Increase, Partial Sarry WSA & Alt. Apt. Rate Structure
Transitioned Apts to new rate structure in FY19

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Increased Tract Connection Fees-Omaha Rates								
	Sing. Fam Accounts	Sing. Fam. Billing	SF, Ccf Usage	Apts. No. Accounts	Apts. No. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees	Other Adjustments Uncollectable	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
La Vista Rates Increase, 7% Per Year																
Single Family Cust. Charge	7.02	\$7.58	\$8.14	\$8.84	\$9.55	\$10.31	\$11.14									
Commercial Cust. Charge	7.52	\$8.13	\$8.78	\$9.48	\$10.24	\$11.06	\$11.95									
Flow Charge, per ccf	2.0478	\$2.2116	\$2.39	\$2.58	\$2.79	\$3.01	\$3.25									
Apartment unit charge, after 1st	6.31	\$6.82	\$7.28	\$7.82	\$8.42	\$9.08	\$9.82									
Apartment unit charge, 1st unit	7.02	\$7.58	\$8.14	\$8.84	\$9.55	\$10.31	\$11.14									

	2014	2015	2016	2017	2018	2019
MUD Billing	1.7062	1.7744	1.8454	1.9192	1.9960	2.0759

Usage per month	Single Family	Commercial
6.18	73.4	4.65

Projected FY17 Revenue	Sing. Fam Accounts	Sing. Fam. Billing	SF, Ccf Usage	Apts. No. Accounts	Apts. No. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees	Other Adjustments Uncollectable	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
Mtd./Yr.																
Oct. 16'	6488	\$173,657.60	40096	141	3064	14248	\$52,205.73	469	\$100,709.46	34425	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74	\$190,581.74
Nov. 16'	6488	\$173,657.60	40096	141	3064	14248	\$52,205.73	469	\$100,709.46	34425	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74	\$190,581.74
Dec. 16'	6488	\$173,657.60	40096	141	3064	14248	\$52,205.73	469	\$100,709.46	34425	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74	\$190,581.74
Jan. 17'	6488	\$173,657.60	40096	141	3064	14248	\$52,205.73	469	\$100,709.46	34425	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74	\$190,581.74
Feb. 17'	6488	\$173,657.60	40096	141	3064	14248	\$52,205.73	469	\$100,709.46	34425	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74	\$190,581.74
Mar. 17'	6488	\$173,657.60	40096	141	3064	14248	\$52,205.73	469	\$100,709.46	34425	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74	\$190,581.74
Apr. 17'	6488	\$173,657.60	40096	141	3064	14248	\$52,205.73	469	\$100,709.46	34425	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74	\$190,581.74
May 17'	6488	\$173,657.60	40096	141	3064	14248	\$52,205.73	469	\$100,709.46	34425	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74	\$190,581.74
Jun. 17'	6488	\$173,657.60	40096	141	3064	14248	\$52,205.73	469	\$100,709.46	34425	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74	\$190,581.74
Jul. 17'	6488	\$173,657.60	40096	141	3064	14248	\$52,205.73	469	\$100,709.46	34425	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74	\$190,581.74
Aug. 17'	6488	\$173,657.60	40096	141	3064	14248	\$52,205.73	469	\$100,709.46	34425	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74	\$190,581.74
Sep. 17'	6488	\$173,657.60	40096	141	3064	14248	\$52,205.73	469	\$100,709.46	34425	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74	\$190,581.74
Annual Totals	77956	\$2,083,891.17	481150	36768	170971	626,468.76	\$1,208,513.51	413095	\$799,596.00	18,000.00	\$161,901.58	\$4,038,369.86	\$2,451,957.01	\$1,586,412.85		

Assumed each building has a meter read by MUD. Bill as a Gen. Comm. Customer per building.

Monthly Projections at 8% Annual Rate Increase, Partial Sarpy WSA & All Apt Rate Structure
 Transitioned Apts to new rate structure in FY19

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Increased Tract Connection Fees-Omaha Rates			
La Vista Rates Increase 7% Per Year			\$7.58	\$8.19	\$8.84	\$9.55	\$10.31	Single Family	1100 /Unit		
Single Family Cust. Charge	7.02		\$8.13	\$8.78	\$9.48	\$10.24	\$11.06	Multi-Family	858 /Unit		
Commercial Cust. Charge	7.52		\$2,211.6	\$2,39	\$2,58	\$2,79	\$3,01	Comm./Ind	5973 /Ac		
Flow Charge, per ccf	2,0478		\$6.82	\$7.82	\$8.82	\$9.82	\$10.82				
Apartment unit charge, after 1st	0.31		\$7.58	\$8.19	\$8.84	\$9.55	\$10.31				
Apartment unit charge, 1st unit	7.02										

Usage: Single Family 6.18
 Commercial 73.4
 Apartments per unit 4.65

MUD Billing

	2014	2015	2016	2017	2018	2019
	1,7062	1,7744	1,8454	1,9192	1,9960	2,0759

Mo./Yr.	Sing. Fam Accounts	SF. Ccf Usage	Apts. No. of Metered Buildings	Apts. No. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees	Other Adjustments Uncollectable	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
Oct. 17'	6508	\$188,128.35	40219	150	3262	15168	478	\$110,853.41	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71		
Nov. 17'	6508	\$188,128.35	40219	150	3262	15168	478	\$110,853.41	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71		
Dec. 17'	6508	\$188,128.35	40219	150	3262	15168	478	\$110,853.41	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71		
Jan. 18'	6508	\$188,128.35	40219	150	3262	15168	478	\$110,853.41	35085	1,500.00	\$14,243.55	\$232,431.22	\$232,431.22		
Feb 18'	6508	\$188,128.35	40219	150	3262	15168	478	\$110,853.41	35085	1,500.00	\$14,243.55	\$232,431.22	\$232,431.22		
Mar. 18'	6508	\$188,128.35	40219	150	3262	15168	478	\$110,853.41	35085	1,500.00	\$14,243.55	\$232,431.22	\$232,431.22		
Apr. 18'	6508	\$188,128.35	40219	150	3262	15168	478	\$110,853.41	35085	1,500.00	\$14,243.55	\$232,431.22	\$232,431.22		
May 18'	6508	\$188,128.35	40219	150	3262	15168	478	\$110,853.41	35085	1,500.00	\$14,243.55	\$232,431.22	\$232,431.22		
Jun. 18'	6508	\$188,128.35	40219	150	3262	15168	478	\$110,853.41	35085	1,500.00	\$14,243.55	\$232,431.22	\$232,431.22		
Jul. 18'	6508	\$188,128.35	40219	150	3262	15168	478	\$110,853.41	35085	1,500.00	\$14,243.55	\$232,431.22	\$232,431.22		
Aug. 18'	6508	\$188,128.35	40219	150	3262	15168	478	\$110,853.41	35085	1,500.00	\$14,243.55	\$232,431.22	\$232,431.22		
Sep. 18'	6508	\$188,128.35	40219	150	3262	15168	478	\$110,853.41	35085	1,500.00	\$14,243.55	\$232,431.22	\$232,431.22		
Annual Totals	78096	\$2,257,540.20	482633	39144	182020	\$671,543.61	\$1,330,240.96	421022	\$548,695.00	18,000.00	\$169,279.07	\$4,220,743.70	\$2,729,302.11	\$1,491,441.59	

Assumed each building has a meter read by MUD. Bill as a Gen. Comm. Customer per building.
 Assumed 6 comm/ind in Sarpy Ind Sr Area and 6 comm/ind in La Vista north of South Papio all at 2 acres per site average. For adding BVBP II and Papio Valley 2 portion of Sarpy Ind WSA to La Vista WSA, assumed 3 comm/ind connections at 2 acres per connection per year for this study

Monthly Projections at 8% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt Rate Structure
 Transitioned Apts to new rate structure in FY19

La Vista Rates Increase 7% Per Year	FY13	FY14	FY15	FY16	FY17	FY18	FY19	2014	2015	2016	2017	2018	2019
Single Family Cust. Charge	7.02	\$7.58	\$8.19	\$8.84	\$9.55	\$10.31	\$11.14						
Commercial Cust. Charge	7.52	\$8.13	\$8.78	\$9.48	\$10.24	\$11.06	\$11.95						
Flow Charge, per ccf	2.0478	\$2.2116	\$2.39	\$2.58	\$2.79	\$3.01	\$3.25						
Apartment unit charge, after 1st	6.31	\$6.82	\$7.39	\$7.99	\$8.64	\$9.34	\$10.09						
Apartment unit charge, 1st unit	7.02	\$7.58	\$8.19	\$8.84	\$9.55	\$10.31	\$11.14						

Usage per month
 Single Family Commercial
 Apartments per unit

MUD Billing	2014	2015	2016	2017	2018	2019
	1.7062	1.7744	1.8454	1.9192	1.9960	2.0759

Projected FY 19' Revenue	Sing. Fam Accounts	Sing. Fam. Billing	SF. Ccf Usage	Apts. No. Accounts	Apts. No. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees	Other Adjustments Uncollectable	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
Mo./Yr.																
Oct. 18'	6508	\$203,178.62	40219	152	3310	15392	\$51,831.43	487	\$121,975.86	35746	1,500.00	\$14,265.50	\$14,265.50	\$234,414.24		\$234,414.24
Nov. 18'	6508	\$203,178.62	40219	152	3310	15392	\$51,831.43	487	\$121,975.86	35746	1,500.00	\$14,265.50	\$14,265.50	\$234,414.24		\$234,414.24
Dec. 18'	6508	\$203,178.62	40219	152	3310	15392	\$51,831.43	487	\$121,975.86	35746	1,500.00	\$14,265.50	\$14,265.50	\$234,414.24		\$234,414.24
Jan. 19'	6508	\$203,178.62	40219	152	3310	15392	\$51,831.43	487	\$121,975.86	35746	1,500.00	\$14,265.50	\$14,265.50	\$234,414.24		\$234,414.24
Feb. 19'	6508	\$203,178.62	40219	152	3310	15392	\$51,831.43	487	\$121,975.86	35746	1,500.00	\$14,265.50	\$14,265.50	\$234,414.24		\$234,414.24
Mar. 19'	6508	\$203,178.62	40219	152	3310	15392	\$51,831.43	487	\$121,975.86	35746	1,500.00	\$14,265.50	\$14,265.50	\$234,414.24		\$234,414.24
Apr. 19'	6508	\$203,178.62	40219	152	3310	15392	\$51,831.43	487	\$121,975.86	35746	1,500.00	\$14,265.50	\$14,265.50	\$234,414.24		\$234,414.24
May 19'	6508	\$203,178.62	40219	152	3310	15392	\$51,831.43	487	\$121,975.86	35746	1,500.00	\$14,265.50	\$14,265.50	\$234,414.24		\$234,414.24
Jun. 19'	6508	\$203,178.62	40219	152	3310	15392	\$51,831.43	487	\$121,975.86	35746	1,500.00	\$14,265.50	\$14,265.50	\$234,414.24		\$234,414.24
Jul. 19'	6508	\$203,178.62	40219	152	3310	15392	\$51,831.43	487	\$121,975.86	35746	1,500.00	\$14,265.50	\$14,265.50	\$234,414.24		\$234,414.24
Aug. 19'	6508	\$203,178.62	40219	152	3310	15392	\$51,831.43	487	\$121,975.86	35746	1,500.00	\$14,265.50	\$14,265.50	\$234,414.24		\$234,414.24
Sep. 19'	6508	\$203,178.62	40219	152	3310	15392	\$51,831.43	487	\$121,975.86	35746	1,500.00	\$14,265.50	\$14,265.50	\$234,414.24		\$234,414.24
Annual Totals	78096	\$2,438,143.42	482653	39720	184698	5621977.18	\$1,463,710.33	428950	\$239,066.00	18,000.00	\$176,321.61	\$4,560,575.31	\$2,992,017.92	\$1,568,557.40		

Assumed each building has a meter read by MUD. Bill as a Gen. Comm. Customer per building.
 Assumed 6 comm/indus in Sarpy Ind Sr Area and 6 comm/indus in La Vista north of South Papio all at 2 acres per site average. For adding BVBP II and Papio Valley 2 portion of Sarpy Ind WSA to La Vista WSA, assumed 3 comm/ind connections at 2 acres per connection per year for this study.

APPENDIX "H"

La Vista Sewer Study

Monthly Projections at 9% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt Rate Structure, Sarpy WSA deferred to FY 16

Transitioned Apts to new rate structure in FY19

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Increased Tract Connection Fees-Omaha Rates
La Vista Rates Increase % Per Year								
Single Family Cust. Charge	7.02	\$7.58	\$8.26	\$9.01	\$9.82	\$10.70	\$11.66	1100 /Unit
Commercial Cust. Charge	7.52	\$8.13	\$8.86	\$9.66	\$10.53	\$11.48	\$12.51	858 /Unit
Flow Charge, per ccf	2.0478	\$2.116	\$2.41	\$2.63	\$2.86	\$3.12	\$3.40	5973 /Ac
Apartment unit charge, after 1st	6.31	\$6.82	\$7.32	\$7.82	\$8.32	\$8.82	\$9.32	
Apartment unit charge, 1st unit	7.02	\$7.58	\$8.26	\$9.01	\$9.82	\$10.70	\$11.66	

Usage per month	Single Family Commercial Apartments per unit
6.18	
73.4	
4.65	

MUD Billing	2014	2015	2016	2017	2018	2019
	1.7062	1.7744	1.8454	1.9192	1.9960	2.0759

Mo./Yr.	Sing. Fam Accounts	Sing. Fam. Billing	Sf. Ccf Usage	Apts. No. Accounts	Apts. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees Uncollectable	Other Adjustments	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
Projected FY 15' Revenue																
Oct. 14'	6408	\$148,409.15	39601	132	2866	13327	\$49,128.90	421	\$78,223.05	30901	1,500.00	\$11,876.86	\$154,988.57	\$154,988.57	\$154,988.57	
Nov. 14'	6408	\$148,409.15	39601	132	2866	13327	\$49,128.90	421	\$78,223.05	30901	1,500.00	\$11,876.86	\$154,988.57	\$154,988.57	\$154,988.57	
Dec. 14'	6408	\$148,409.15	39601	132	2866	13327	\$49,128.90	421	\$78,223.05	30901	1,500.00	\$11,876.86	\$154,988.57	\$154,988.57	\$154,988.57	
Jan. 15'	6408	\$148,409.15	39601	132	2866	13327	\$49,128.90	421	\$78,223.05	30901	1,500.00	\$11,876.86	\$154,988.57	\$154,988.57	\$154,988.57	
Feb. 15'	6408	\$148,409.15	39601	132	2866	13327	\$49,128.90	421	\$78,223.05	30901	1,500.00	\$11,876.86	\$154,988.57	\$154,988.57	\$154,988.57	
Mar. 15'	6408	\$148,409.15	39601	132	2866	13327	\$49,128.90	421	\$78,223.05	30901	1,500.00	\$11,876.86	\$154,988.57	\$154,988.57	\$154,988.57	
Apr. 15'	6408	\$148,409.15	39601	132	2866	13327	\$49,128.90	421	\$78,223.05	30901	1,500.00	\$11,876.86	\$154,988.57	\$154,988.57	\$154,988.57	
May 15'	6408	\$148,409.15	39601	132	2866	13327	\$49,128.90	421	\$78,223.05	30901	1,500.00	\$11,876.86	\$154,988.57	\$154,988.57	\$154,988.57	
Jun. 15'	6408	\$148,409.15	39601	132	2866	13327	\$49,128.90	421	\$78,223.05	30901 50 s.f. and	1,500.00	\$12,351.93	\$165,419.56	\$165,419.56	\$165,419.56	
Jul. 15'	6408	\$148,409.15	39601	132	2866	13327	\$49,128.90	421	\$78,223.05	30901 12 Ac Comm	1,500.00	\$12,351.93	\$165,419.56	\$165,419.56	\$165,419.56	
Aug. 15'	6408	\$148,409.15	39601	132	2866	13327	\$49,128.90	421	\$78,223.05	30901 150 apts =	1,500.00	\$12,351.93	\$165,419.56	\$165,419.56	\$165,419.56	
Sep 15'	6408	\$148,409.15	39601	132	2866	13327	\$49,128.90	421	\$78,223.05	30901 7 bldgs.	1,500.00	\$12,351.93	\$165,419.56	\$165,419.56	\$165,419.56	
Annual Totals	76896	\$1,780,909.82	475217	34392	159923	5589,546.82	\$938,676.60	370817	\$255,576.00	18,000.00	\$146,797.97	\$3,399,711.27	\$1,953,741.78	\$1,445,969.49		

Continuing to bill per unit by City but transitioning to lower rate for each unit after 1st unit.

Assumed 6 comm/indus in Sarpy Ind Sr Area and 6 comm/indus in La Vista north of South Papio all at 2 acres per site average. For adding BVBP II and Papio Valley 2 portion of Sarpy Ind WSA to La Vista WSA, assumed 3 comm/ind connections at 2 acres per connection per year for this study but assumed no WSA expansion until FY 16.

Monthly Projections at 9% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt Rate Structure
 Transitioned Apts to new rate structure in FY19

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Increased Tract Connection Fees-Omaha Rates		
La Vista Sewer Study								Single Family		1100 /Unit
La Vista Rates Increase % Per Year	7.02		\$7.58	\$9.01	\$9.82	\$10.70	\$11.66	Multi-Family		858 /Unit
Single Family Cust. Charge			\$8.13	\$9.66	\$10.53	\$11.48	\$12.51	Comm./Ind		5973 /Ac
Commercial Cust. Charge	2.0478		\$2.2116	\$2.63	\$2.86	\$3.12	\$3.40			
Flow Charge, per ccf	6.31		\$6.82	\$4.82	\$4.82	\$2.82	\$1.82			
Apartment unit charge, after 1st	7.02		\$7.58	\$9.01	\$9.82	\$10.70	\$11.66			
Apartment unit charge, 1st unit										

Usage per month	Single Family Commercial Apartments per unit
6.18	
73.4	
4.65	

MUD Billing	2014	2016	2017	2018	2019
	1.7062	1.8454	1.9192	1.9960	2.0759

Projected FY 16' Revenue	Sing. Fam Accounts	Sing. Fam. Billing	SF. Ccf Usage	Apts. No. Accounts	Apts. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees	Other Adjustments Uncollectable	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
Oct. 15'	6458	\$163,028.19	39910	139	3016	14024	\$51,969.49	460	\$93,161.61	33764	1,500.00	\$12,522.28	\$172,132.45			
Nov. 15'	6458	\$163,028.19	39910	139	3016	14024	\$51,969.49	460	\$93,161.61	33764	1,500.00	\$12,522.28	\$172,132.45			
Dec. 15'	6458	\$163,028.19	39910	139	3016	14024	\$51,969.49	460	\$93,161.61	33764	1,500.00	\$12,522.28	\$172,132.45			
Jan. 16'	6458	\$163,028.19	39910	139	3016	14024	\$51,969.49	460	\$93,161.61	33764	1,500.00	\$12,522.28	\$172,132.45			
Feb. 16'	6458	\$163,028.19	39910	139	3016	14024	\$51,969.49	460	\$93,161.61	33764	1,500.00	\$12,522.28	\$172,132.45			
Mar. 16'	6458	\$163,028.19	39910	139	3016	14024	\$51,969.49	460	\$93,161.61	33764	1,500.00	\$12,522.28	\$172,132.45			
Apr. 16'	6458	\$163,028.19	39910	139	3016	14024	\$51,969.49	460	\$93,161.61	33764	1,500.00	\$12,522.28	\$172,132.45			
May 16'	6458	\$163,028.19	39910	139	3016	14024	\$51,969.49	460	\$93,161.61	33764	1,500.00	\$12,522.28	\$172,132.45			
Jun. 16'	6458	\$163,028.19	39910	139	3016	14024	\$51,969.49	460	\$93,161.61	33764	1,500.00	\$12,522.28	\$172,132.45			
Jul. 16'	6458	\$163,028.19	39910	139	3016	14024	\$51,969.49	460	\$93,161.61	33764	1,500.00	\$12,522.28	\$172,132.45			
Aug. 16'	6458	\$163,028.19	39910	139	3016	14024	\$51,969.49	460	\$93,161.61	33764	1,500.00	\$12,522.28	\$172,132.45			
Sep 16'	6458	\$163,028.19	39910	139	3016	14024	\$51,969.49	460	\$93,161.61	33764	1,500.00	\$12,522.28	\$172,132.45			
Annual Totals	77496	\$1,956,338.33	478925	36192	168293	5623,653.84	\$1,117,939.31	405168	\$681,698.00	18,000.00	\$154,775.38	\$3,706,834.10	\$2,212,728.15	\$1,494,105.95		

Monthly Projections at 9% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt. Rate Structure
 Transitioned Apts to new rate structure in FY19

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Increased Tract Connection Fees-Omaha Rates						
La Vista Rates Increase 9% Per Year								Single Family	Multi-Family	Comm./Ind	1100 /Unit			
Single Family Cust. Charge	7.02	\$7.58	\$8.26	\$9.01	\$9.82	\$10.70	\$11.66				858 /Unit			
Commercial Cust. Charge	7.52	\$8.13	\$8.86	\$9.66	\$10.53	\$11.48	\$12.51				5973 /Ac			
Flow Charge, per ccf	2.0478	\$2.2116	\$2.41	\$2.63	\$2.86	\$3.12	\$3.40							
Apartment unit charge, after 1st	6.31	\$6.82	\$7.32	\$7.82	\$8.32	\$8.82	\$9.32							
Apartment unit charge, 1st unit	7.02	\$7.58	\$8.26	\$9.01	\$9.82	\$10.70	\$11.66							

Usage	2014	2015	2016	2017	2018	2019
Single Family	1,7062	1,7744	1,8654	1,952	1,9960	2,0759
Commercial						
Apartments per unit						

MUD Billing

Mo./Yr.	Sing. Fam Accounts	Sing. Fam. Billing	SF. Ccf Usage	Apts. No. Accounts	Apts. No. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees	Other Adjustments Uncollectable	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
Projected FY 17 Revenue																
Oct. 16'	6488	\$178,526.22	40096	141	3064	14248	\$53,356.31	469	\$103,532.93	34425	1,500.00	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74
Nov. 16'	6488	\$178,526.22	40096	141	3064	14248	\$53,356.31	469	\$103,532.93	34425	1,500.00	1,500.00	\$13,098.83	\$190,581.74	\$190,581.74	\$190,581.74
Dec. 16'	6488	\$178,526.22	40096	141	3064	14248	\$53,356.31	469	\$103,532.93	34425	1,500.00	1,500.00	\$13,098.83	\$208,912.42	\$208,912.42	\$208,912.42
Jan. 17'	6488	\$178,526.22	40096	141	3064	14248	\$53,356.31	469	\$103,532.93	34425	1,500.00	1,500.00	\$13,098.83	\$208,912.42	\$208,912.42	\$208,912.42
Feb 17'	6488	\$178,526.22	40096	141	3064	14248	\$53,356.31	469	\$103,532.93	34425	1,500.00	1,500.00	\$13,098.83	\$208,912.42	\$208,912.42	\$208,912.42
Mar. 17'	6488	\$178,526.22	40096	141	3064	14248	\$53,356.31	469	\$103,532.93	34425	1,500.00	1,500.00	\$13,098.83	\$208,912.42	\$208,912.42	\$208,912.42
Apr. 17'	6488	\$178,526.22	40096	141	3064	14248	\$53,356.31	469	\$103,532.93	34425	1,500.00	1,500.00	\$13,098.83	\$208,912.42	\$208,912.42	\$208,912.42
May 17'	6488	\$178,526.22	40096	141	3064	14248	\$53,356.31	469	\$103,532.93	34425	1,500.00	1,500.00	\$13,098.83	\$208,912.42	\$208,912.42	\$208,912.42
Jun. 17'	6488	\$178,526.22	40096	141	3064	14248	\$53,356.31	469	\$103,532.93	34425	1,500.00	1,500.00	\$13,098.83	\$208,912.42	\$208,912.42	\$208,912.42
Jul. 17'	6488	\$178,526.22	40096	141	3064	14248	\$53,356.31	469	\$103,532.93	34425	1,500.00	1,500.00	\$13,098.83	\$208,912.42	\$208,912.42	\$208,912.42
Aug. 17'	6488	\$178,526.22	40096	141	3064	14248	\$53,356.31	469	\$103,532.93	34425	1,500.00	1,500.00	\$13,098.83	\$208,912.42	\$208,912.42	\$208,912.42
Sep 17'	6488	\$178,526.22	40096	141	3064	14248	\$53,356.31	469	\$103,532.93	34425	1,500.00	1,500.00	\$13,098.83	\$208,912.42	\$208,912.42	\$208,912.42
Annual Totals	77856	\$2,142,314.67	481150	36768	170971	6640,275.78	\$1,242,395.12	413095	\$4,144,481.98	\$2,451,957.01	\$2,451,957.01	\$2,451,957.01	\$2,451,957.01	\$2,451,957.01	\$2,451,957.01	\$2,451,957.01

Assumed 6 comm/indust. in Sarpy Ind Sr Area and 6 comm/indust. in La Vista north of South Papio all at 2 acres per site average. For adding BVBP II and Papio Valley 2, portion of Sarpy Ind WSA to La Vista WSA, assumed 3 comm/ind connections at 2 acres per connection per year for this study

Continuing to bill per unit by City but transitioning to lower rate for each unit after 1st unit.

34425 20 s.f. and 34425 18 Ac. Comm 34425 198 apts = 34425 9 bldgs.

\$2599,998.00

La Vista Sewer Study

Monthly Projections at 9% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt Rate Structure
Transitioned Apts to new rate structure in FY19

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Increased Tract Connection Fees-Omaha Rates			
La Vista Rates Increase 9% Per Year								Single Family	Multi-Family	Comm./Ind	1100 /Unit
Single Family Cust. Charge	7.02	\$7.58	\$8.26	\$9.01	\$9.82	\$10.70	\$11.66	\$11.66	\$11.66	\$11.66	858 /Unit
Commercial Cust. Charge	7.52	\$8.13	\$8.86	\$9.66	\$10.53	\$11.48	\$12.51	\$12.51	\$12.51	\$12.51	5973 /Ac
Flow Charge, per ccf	2.0478	\$2.2116	\$2.41	\$2.63	\$2.86	\$3.12	\$3.40	\$3.40	\$3.40	\$3.40	
Apartment unit charge, after 1st	6.31	\$6.82	\$7.38	\$8.01	\$8.72	\$9.48	\$10.28	\$11.12	\$12.00	\$12.92	
Apartment unit charge, 1st unit	7.02	\$7.58	\$8.26	\$9.01	\$9.82	\$10.70	\$11.66	\$11.66	\$11.66	\$11.66	

Usage per month	Single Family	Commercial
6.18		
73.4		
4.65		

MUD Billing

	2014	2015	2016	2017	2018	2019
	1.7062	1.7744	1.8454	1.9192	1.9960	2.0759

Mo./Yr.	Sing. Fam Accounts	Sing. Fam. Billing	SF Ccf Usage	Apts. No. of Metered Buildings	Apts. No. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees	Other Adjustments	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
				Continuing to bill per unit by City but transitioning to lower rate for each unit after 1st unit.												
Oct. 17'	6508	\$195,193.44	40219	150	3262	15168	\$57,734.02	478	\$115,016.47	35085		1,500.00	\$13,695.72	\$212,473.71		\$212,473.71
Nov. 17'	6508	\$195,193.44	40219	150	3262	15168	\$57,734.02	478	\$115,016.47	35085		1,500.00	\$13,695.72	\$212,473.71		\$212,473.71
Dec. 17'	6508	\$195,193.44	40219	150	3262	15168	\$57,734.02	478	\$115,016.47	35085		1,500.00	\$14,243.55	\$232,431.22		\$232,431.22
Jan. 18'	6508	\$195,193.44	40219	150	3262	15168	\$57,734.02	478	\$115,016.47	35085		1,500.00	\$14,243.55	\$232,431.22		\$232,431.22
Feb 18'	6508	\$195,193.44	40219	150	3262	15168	\$57,734.02	478	\$115,016.47	35085		1,500.00	\$14,243.55	\$232,431.22		\$232,431.22
Mar. 18'	6508	\$195,193.44	40219	150	3262	15168	\$57,734.02	478	\$115,016.47	35085		1,500.00	\$14,243.55	\$232,431.22		\$232,431.22
Apr. 18'	6508	\$195,193.44	40219	150	3262	15168	\$57,734.02	478	\$115,016.47	35085		1,500.00	\$14,243.55	\$232,431.22		\$232,431.22
May 18'	6508	\$195,193.44	40219	150	3262	15168	\$57,734.02	478	\$115,016.47	35085		1,500.00	\$14,243.55	\$232,431.22		\$232,431.22
Jun. 18'	6508	\$195,193.44	40219	150	3262	15168	\$57,734.02	478	\$115,016.47	35085	0 s.f. and	1,500.00	\$14,243.55	\$232,431.22		\$232,431.22
Jul. 18'	6508	\$195,193.44	40219	150	3262	15168	\$57,734.02	478	\$115,016.47	35085	18 Ac. Comm	1,500.00	\$14,243.55	\$232,431.22		\$232,431.22
Aug. 18'	6508	\$195,193.44	40219	150	3262	15168	\$57,734.02	478	\$115,016.47	35085	48 apts =	1,500.00	\$14,243.55	\$232,431.22		\$232,431.22
Sep. 18'	6508	\$195,193.44	40219	150	3262	15168	\$57,734.02	478	\$115,016.47	35085	2 bldgs.	1,500.00	\$14,243.55	\$232,431.22		\$232,431.22
Annual Totals	78096	\$2,342,321.27	482633	39144	182020	5692,808.30		421022	\$1,380,197.66		\$148,698.00	18,000.00	\$169,279.07	\$4,376,746.16	\$2,729,302.11	\$1,647,444.05

La Vista Sewer Study

Monthly Projections at 9% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt Rate Structure
Transitioned Apts to new rate structure in FY19

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	2014	2015	2016	2017	2018	2019
Single Family Cust. Charge	7.02	\$7.58	\$8.26	\$9.01	\$9.82	\$10.70	\$11.66						
Commercial Cust. Charge	7.52	\$8.13	\$8.86	\$9.66	\$10.53	\$11.48	\$12.51						
Flow Charge, per ccf	2.0478	\$2.2116	\$2.41	\$2.63	\$2.86	\$3.12	\$3.40						
Apartment unit charge, after 1st	6.31	\$6.82	\$7.38	\$8.01	\$8.82	\$9.82	\$10.70						
Apartment unit charge, 1st unit	7.02	\$7.58	\$8.26	\$9.01	\$9.82	\$10.70	\$11.66						

Increased Tract Connection Fees-Omaha Rates
Single Family
Multi-Family
Comm./Ind

1100 /Unit
858 /Unit
5973 /Ac

Usage per month
Single Family
Commercial
Apartments per unit

6.18	2014	2015	2016	2017	2018	2019
73.4	1.7062	1.7744	1.8454	1.9192	1.9960	2.0759
4.65						

MUD Billing

Projected FY 19' Revenue	Sing. Fam Accounts	Sing. Fam. Billing	SF. Ccf Usage	Apts. No. Accounts	Apts. No. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees	Other Adjustments	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
Mo./Yr.																
Oct. 18'	6508	\$212,760.85	40219	152	3310	15392	\$54,275.89	487	\$127,728.44	35746	1,500.00	\$14,265.50	\$234,414.24	\$234,414.24		
Nov. 18'	6508	\$212,760.85	40219	152	3310	15392	\$54,275.89	487	\$127,728.44	35746	1,500.00	\$14,265.50	\$234,414.24	\$234,414.24		
Dec. 18'	6508	\$212,760.85	40219	152	3310	15392	\$54,275.89	487	\$127,728.44	35746	1,500.00	\$14,836.12	\$234,414.24	\$234,414.24		
Jan. 19'	6508	\$212,760.85	40219	152	3310	15392	\$54,275.89	487	\$127,728.44	35746	1,500.00	\$14,836.12	\$256,795.12	\$256,795.12		
Feb 19'	6508	\$212,760.85	40219	152	3310	15392	\$54,275.89	487	\$127,728.44	35746	1,500.00	\$14,836.12	\$256,795.12	\$256,795.12		
Mar. 19'	6508	\$212,760.85	40219	152	3310	15392	\$54,275.89	487	\$127,728.44	35746	1,500.00	\$14,836.12	\$256,795.12	\$256,795.12		
Apr. 19'	6508	\$212,760.85	40219	152	3310	15392	\$54,275.89	487	\$127,728.44	35746	1,500.00	\$14,836.12	\$256,795.12	\$256,795.12		
May 19'	6508	\$212,760.85	40219	152	3310	15392	\$54,275.89	487	\$127,728.44	35746	1,500.00	\$14,836.12	\$256,795.12	\$256,795.12		
Jun. 19'	6508	\$212,760.85	40219	152	3310	15392	\$54,275.89	487	\$127,728.44	35746	1,500.00	\$14,836.12	\$256,795.12	\$256,795.12		
Jul. 19'	6508	\$212,760.85	40219	152	3310	15392	\$54,275.89	487	\$127,728.44	35746	1,500.00	\$14,836.12	\$256,795.12	\$256,795.12		
Aug. 19'	6508	\$212,760.85	40219	152	3310	15392	\$54,275.89	487	\$127,728.44	35746	1,500.00	\$14,836.12	\$256,795.12	\$256,795.12		
Sep. 19'	6508	\$212,760.85	40219	152	3310	15392	\$54,275.89	487	\$127,728.44	35746	1,500.00	\$14,836.12	\$256,795.12	\$256,795.12		
Annual Totals	78096	\$2,553,130.19	482633	39720	184698	184698	\$651,310.62	428950	\$1,532,741.27	18,000.00	\$176,321.61	\$4,773,926.46	\$2,992,017.92	\$1,781,908.55		

Assumed 6 comm/indust in Sarpy Ind Sr Area and 6 comm/indust in La Vista north of South Papio all at 2 acres per site average. For adding BVBP II and Papio Valley 2 portion of Sarpy Ind WSA to La Vista WSA, assumed 3 comm/ind connections at 2 acres per connection per year for this study

Assumed each building has a meter read by MUD. Bill as a Gen. Comm. Customer per building.

35746 0 s.f. and
35746 18 Ac. Comm
35746 144 apts =
35746 7 bldgs.

\$231,066.00

APPENDIX "I"

La Vista Sewer Study

Monthly Projections at 1.0% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt. Rate Structure, Sarpy WSA deferred to FY 16

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Tract Connection Fees-Unchanged from prior study	1100 / Unit
La Vista Rates Increase 10% Per Year									
Single Family Cust. Charge	7.02	\$7.58	\$8.34	\$9.17	\$10.09	\$11.10	\$12.21	Single Family	888 / Unit
Commercial Cust. Charge	7.52	\$8.13	\$8.94	\$9.84	\$10.82	\$11.90	\$13.09	Multi-Family	5973 / Ac
Flow Charge, per ccf	2.0478	\$2.2116	\$2.43	\$2.68	\$2.94	\$3.24	\$3.56	Comm./Ind	
Apartment unit charges, after 1st	6.31	\$6.82	\$5.82	\$4.82	\$3.82	\$2.82	\$1.82		
Apartment unit charges, 1st unit	7.02	\$7.58	\$8.34	\$9.17	\$10.09	\$11.10	\$12.21		

Usage per month

Single Family Commercial Apartments per unit

	2014	2015	2016	2017	2018	2019
MUD Billing	1,7062	1,7744	1,8454	1,9192	1,9960	2,0759

Mo./Yr.	Sing. Fam. Accounts	Sing. Fam. Billing	SF Ccf Usage	Apts. No.		Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees	Other Adjustments	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
				Units	Usage											
Oct. 14'	6408	\$149,770.70	39601	132	2866	13327	\$49,433.65	421	\$78,940.69	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57	
Nov. 14'	6408	\$149,770.70	39601	132	2866	13327	\$49,433.65	421	\$78,940.69	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57	
Dec. 14'	6408	\$149,770.70	39601	132	2866	13327	\$49,433.65	421	\$78,940.69	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57	
Jan. 15'	6408	\$149,770.70	39601	132	2866	13327	\$49,433.65	421	\$78,940.69	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57	
Feb 15'	6408	\$149,770.70	39601	132	2866	13327	\$49,433.65	421	\$78,940.69	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57	
Mar. 15'	6408	\$149,770.70	39601	132	2866	13327	\$49,433.65	421	\$78,940.69	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57	
Apr. 15'	6408	\$149,770.70	39601	132	2866	13327	\$49,433.65	421	\$78,940.69	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57	
May 15'	6408	\$149,770.70	39601	132	2866	13327	\$49,433.65	421	\$78,940.69	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57	
Jun. 15'	6408	\$149,770.70	39601	132	2866	13327	\$49,433.65	421	\$78,940.69	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57	
Jul. 15'	6408	\$149,770.70	39601	132	2866	13327	\$49,433.65	421	\$78,940.69	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57	
Aug. 15'	6408	\$149,770.70	39601	132	2866	13327	\$49,433.65	421	\$78,940.69	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57	
Sep 15'	6408	\$149,770.70	39601	132	2866	13327	\$49,433.65	421	\$78,940.69	30901	1,500.00	\$11,876.86	\$154,988.57		\$154,988.57	
Annual Totals	76896	\$1,797,248.44	475217	34392	159923	5593,203.74	\$593,203.74	\$947,288.31	370817	\$255,376.00	18,000.00	\$146,797.97	\$3,428,318.53	\$1,953,741.78	\$1,474,576.75	

Continuing to bill per unit by City but transitioning to lower rate for each unit after 1st unit.

Assumed 6 comm/indunit in Sarpy Ind Sr. Area and 6 comm/indunit in La Vista north of South Papio all at 2 acres per site average. For adding BVBP II and Papio Valley 2, portion of Sarpy Ind WSA to La Vista WSA, assumed 3 comm/ind connections at 2 acres per connection per year for this study but assumed no WSA expansion until FY 16.

Monthly Projections at 10% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt Rate Structure, Sarpy WSA deferred to FY16
 Transitioned Apts to new rate structure in FY19

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Tract Connection Fees-Unchanged from prior study		
La Vista Rates Increase 10% Per Year								Single Family	1100 /Unit	
Single Family Cust. Charge	7.02	\$7.58	\$8.34	\$9.17	\$10.09	\$11.10	\$12.21	Multi-Family	858 /Unit	
Commercial Cust. Charge	7.52	\$8.13	\$8.94	\$9.84	\$10.82	\$11.90	\$13.09	Comm./Ind	5973 /Ac	
Flow Charge, per ccf	2.0478	\$2.2116	\$2.43	\$2.68	\$2.94	\$3.24	\$3.56			
Apartment unit charge, after 1st	6.31	\$6.82	\$7.43	\$8.11	\$8.82	\$9.58	\$10.42			
Apartment unit charge, 1st unit	7.02	\$7.58	\$8.34	\$9.17	\$10.09	\$11.10	\$12.21			

Usage per month
 Single Family Commercial
 Apartments per unit

	2014	2015	2016	2017	2018	2019
MUD Billing	1.7062	1.7744	1.8654	1.9192	1.9960	2.0759

Projected FY 16' Revenue Mo./Yr.	Sing. Fam Accounts	Sing. Fam. Billing	SF. Ccf Usage	Apts. No. Accounts	Apts. No. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees	Other Adjustments Uncollectable	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
Oct. 15'	6458	\$166,033.26	39910	139	3016	14024	\$52,671.82	460	\$94,878.84	33764	1,500.00	\$12,522.28	\$172,132.45			
Nov. 15'	6458	\$166,033.26	39910	139	3016	14024	\$52,671.82	460	\$94,878.84	33764	1,500.00	\$12,522.28	\$172,132.45			
Dec. 15'	6458	\$166,033.26	39910	139	3016	14024	\$52,671.82	460	\$94,878.84	33764	1,500.00	\$12,522.28	\$172,132.45			
Jan. 16'	6458	\$166,033.26	39910	139	3016	14024	\$52,671.82	460	\$94,878.84	33764	1,500.00	\$12,522.28	\$172,132.45			
Feb 16'	6458	\$166,033.26	39910	139	3016	14024	\$52,671.82	460	\$94,878.84	33764	1,500.00	\$12,522.28	\$172,132.45			
Mar. 16'	6458	\$166,033.26	39910	139	3016	14024	\$52,671.82	460	\$94,878.84	33764	1,500.00	\$12,522.28	\$172,132.45			
Apr. 16'	6458	\$166,033.26	39910	139	3016	14024	\$52,671.82	460	\$94,878.84	33764	1,500.00	\$12,522.28	\$172,132.45			
May 16'	6458	\$166,033.26	39910	139	3016	14024	\$52,671.82	460	\$94,878.84	33764	1,500.00	\$12,522.28	\$172,132.45			
Jun. 16'	6458	\$166,033.26	39910	139	3016	14024	\$52,671.82	460	\$94,878.84	33764	1,500.00	\$12,522.28	\$172,132.45			
Jul. 16'	6458	\$166,033.26	39910	139	3016	14024	\$52,671.82	460	\$94,878.84	33764	1,500.00	\$12,522.28	\$172,132.45			
Aug. 16'	6458	\$166,033.26	39910	139	3016	14024	\$52,671.82	460	\$94,878.84	33764	1,500.00	\$12,522.28	\$172,132.45			
Sep 16'	6458	\$166,033.26	39910	139	3016	14024	\$52,671.82	460	\$94,878.84	33764	1,500.00	\$12,522.28	\$172,132.45			
Annual Totals	77496	\$1,992,399.10	478925	36192	168293	\$632,061.83	\$1,138,546.05	405168	\$181,698.00	\$3,771,929.61	\$1,559,201.46	\$2,212,728.15	\$1,559,201.46			

Monthly Projections at 10% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt. Rate Structure, Sarpy deferred to FY16
 Transitioned Apts to new rate structure in FY19

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Tract Connection Fees-Unchanged from prior study					
La Vista Rates Increase 10% Per Year								Single Family	Multi-Family	Comm./Ind	1100 /Unit	858 /Unit	5973 /Ac
Single Family Cust. Charge	7.02	\$7.58	\$8.34	\$9.17	\$10.09	\$11.10	\$12.21						
Commercial Cust. Charge	7.52	\$8.13	\$8.94	\$9.84	\$10.82	\$11.90	\$13.09						
Flow Charge, per ccf	2.0478	\$2.2116	\$2.43	\$2.68	\$2.94	\$3.24	\$3.56						
Apartment unit charge, after 1st	6.31	\$6.82	\$7.38	\$7.97	\$8.62	\$9.32	\$1.02						
Apartment unit charge, 1st unit	7.02	\$7.58	\$8.34	\$9.17	\$10.09	\$11.10	\$12.21						

Usage per month	Single Family	Commercial
6.18		
73.4		
4.65		

MUD Billing

	2014	2015	2016	2017	2018	2019
	1.7062	1.7744	1.8454	1.9192	1.9960	2.0759

Mo./Yr.	Projected FY 17 Revenue	Sing. Fam Accounts	Sing. Fam. Billing	SF. Ccf Usage	Apts. No. Accounts	Apts. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees Uncollectable	Other Adjustments	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
Oct. 16'		6488	\$183,485.00	40096	141	3064	14248	\$54,528.21	469	\$106,408.68	34425	1,500.00		\$13,098.83	\$190,581.74		\$190,581.74
Nov. 16'		6488	\$183,485.00	40096	141	3064	14248	\$54,528.21	469	\$106,408.68	34425	1,500.00		\$13,098.83	\$190,581.74		\$190,581.74
Dec. 16'		6488	\$183,485.00	40096	141	3064	14248	\$54,528.21	469	\$106,408.68	34425	1,500.00		\$13,098.83	\$208,912.42		\$208,912.42
Jan. 17'		6488	\$183,485.00	40096	141	3064	14248	\$54,528.21	469	\$106,408.68	34425	1,500.00		\$13,622.79	\$208,912.42		\$208,912.42
Feb 17'		6488	\$183,485.00	40096	141	3064	14248	\$54,528.21	469	\$106,408.68	34425	1,500.00		\$13,622.79	\$208,912.42		\$208,912.42
Mar. 17'		6488	\$183,485.00	40096	141	3064	14248	\$54,528.21	469	\$106,408.68	34425	1,500.00		\$13,622.79	\$208,912.42		\$208,912.42
Apr. 17'		6488	\$183,485.00	40096	141	3064	14248	\$54,528.21	469	\$106,408.68	34425	1,500.00		\$13,622.79	\$208,912.42		\$208,912.42
May 17'		6488	\$183,485.00	40096	141	3064	14248	\$54,528.21	469	\$106,408.68	34425	1,500.00		\$13,622.79	\$208,912.42		\$208,912.42
Jun. 17'		6488	\$183,485.00	40096	141	3064	14248	\$54,528.21	469	\$106,408.68	34425 20 s.f. and	1,500.00		\$13,622.79	\$208,912.42		\$208,912.42
Jul. 17'		6488	\$183,485.00	40096	141	3064	14248	\$54,528.21	469	\$106,408.68	34425 18 Ac. Comm	1,500.00		\$13,622.79	\$208,912.42		\$208,912.42
Aug. 17'		6488	\$183,485.00	40096	141	3064	14248	\$54,528.21	469	\$106,408.68	34425 198 apts =	1,500.00		\$13,622.79	\$208,912.42		\$208,912.42
Sep 17'		6488	\$183,485.00	40096	141	3064	14248	\$54,528.21	469	\$106,408.68	34425 9 bldgs.	1,500.00		\$13,622.79	\$208,912.42		\$208,912.42
Annual Totals		77856	\$2,201,820.06	481150	36768	170971	\$654,338.47	\$1,276,904.15	413095	\$299,388.00	18,000.00	\$4,252,559.09	\$2,451,957.01	\$1,800,602.08			

Monthly Projections at 10% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt Rate Structure, Sarpy WSA deferred to FY 16
 Transitioned Apts to new rate structure in FY19

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Increased Tract Connection Fees-Omaha Rates					
La Vista Rates Increase 10% Per Year								Single Family	Multi-Family	Comm./Ind	1100 /Unit	858 /Unit	5973 /Ac
Single Family Cust. Charge	7.02	\$7.58	\$8.34	\$9.17	\$10.09	\$11.10							
Commercial Cust. Charge	7.52	\$8.13	\$8.94	\$9.84	\$10.82	\$11.90							
Flow Charge, per ccf	2.0478	\$2.2116	\$2.43	\$2.68	\$2.94	\$3.24							
Apartment unit charge, after 1st	6.31	\$6.82	\$7.34	\$7.92	\$8.58	\$9.32							
Apartment unit charge, 1st unit	7.02	\$7.58	\$8.34	\$9.17	\$10.09	\$11.10							

Usage per month	6.18	73.4	4.65
Single Family			
Commercial			
Apartments per unit			

MUD Billing	2014	2015	2016	2017	2018	2019
	1.7062	1.7744	1.8454	1.9192	1.9960	2.0759

Mo./Yr.	Sing. Fam Accounts	Sing. Fam. Billing Usage	SF. Ccf Usage	Apts. No. of Metered Buildings	Apts. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts			Comm. Ccf Usage	Tract Connection Fees	Other Adjustments Uncollectable	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
								Comm. Accounts	Comm. Billing	Comm. Billing							
Oct. 17'	6508	\$202,455.68	40219	150	3262	15168	\$59,555.53	478	\$119,295.70	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71	\$212,473.71	\$212,473.71	
Nov. 17'	6508	\$202,455.68	40219	150	3262	15168	\$59,555.53	478	\$119,295.70	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71	\$212,473.71	\$212,473.71	
Dec. 17'	6508	\$202,455.68	40219	150	3262	15168	\$59,555.53	478	\$119,295.70	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71	\$212,473.71	\$212,473.71	
Jan. 18'	6508	\$202,455.68	40219	150	3262	15168	\$59,555.53	478	\$119,295.70	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71	\$212,473.71	\$212,473.71	
Feb 18'	6508	\$202,455.68	40219	150	3262	15168	\$59,555.53	478	\$119,295.70	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71	\$212,473.71	\$212,473.71	
Mar. 18'	6508	\$202,455.68	40219	150	3262	15168	\$59,555.53	478	\$119,295.70	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71	\$212,473.71	\$212,473.71	
Apr. 18'	6508	\$202,455.68	40219	150	3262	15168	\$59,555.53	478	\$119,295.70	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71	\$212,473.71	\$212,473.71	
May 18'	6508	\$202,455.68	40219	150	3262	15168	\$59,555.53	478	\$119,295.70	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71	\$212,473.71	\$212,473.71	
Jun. 18'	6508	\$202,455.68	40219	150	3262	15168	\$59,555.53	478	\$119,295.70	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71	\$212,473.71	\$212,473.71	
Jul. 18'	6508	\$202,455.68	40219	150	3262	15168	\$59,555.53	478	\$119,295.70	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71	\$212,473.71	\$212,473.71	
Aug. 18'	6508	\$202,455.68	40219	150	3262	15168	\$59,555.53	478	\$119,295.70	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71	\$212,473.71	\$212,473.71	
Sep. 18'	6508	\$202,455.68	40219	150	3262	15168	\$59,555.53	478	\$119,295.70	35085	1,500.00	\$13,695.72	\$212,473.71	\$212,473.71	\$212,473.71	\$212,473.71	
Annual Totals	78096	\$2,429,468.16	482633	39144	182020	714,666.37	\$1,431,548.40	421022	\$4,448,698.00	18,000.00	\$169,279.07	\$4,537,101.85	\$2,729,302.11	\$1,807,799.75			

Continuing to bill per unit by City but transitioning to lower rate for each unit after 1st unit.
 Assumed 6 comm/ind in Sarpy Ind St Area and 6 comm/ind in La Vista north of South Papio all at 2 acres per site average. For adding BVBP II and Papio Valley 2 portion of Sarpy Ind WSA to La Vista WSA, assumed 3 comm/ind connections at 2 acres per connection per year for this study

Monthly Projections at 10% Annual Rate Increase, Partial Sarpy WSA & Alt. Apt. Rate Structure, Sarpy WSA deferred to FY 16
 Transitioned Apts to new rate structure in FY19

	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Tract Connection Fees Unchanged from prior study
La Vista Rates Increase 10% Per Year								
Single Family Cust. Charge	7.02	\$7.58	\$8.34	\$9.17	\$10.09	\$11.10	\$12.21	1100 /Unit
Commercial Cust. Charge	7.52	\$8.13	\$8.94	\$9.84	\$10.82	\$11.90	\$13.09	858 /Unit
Flow Charge, per ccf	2.0478	\$2.2116	\$2.43	\$2.68	\$2.94	\$3.24	\$3.56	5973 /Ac
Apartment unit charges, after 1st	6.31	\$6.82	\$7.43	\$8.09	\$8.82	\$9.61	\$10.44	
Apartment unit charges, 1st unit	7.02	\$7.58	\$8.34	\$9.17	\$10.09	\$11.10	\$12.21	

Usage per month	2014	2015	2016	2017	2018	2019
Single Family Apartments per unit	1,7062	1,7744	1,8454	1,9192	1,9960	2,0759
Commercial Apartments per unit						

MUD Billing

Projected FY 19 Revenue	Sing. Fam Accounts	Sing. Fam. Billing	SF. Ccf Usage	Apts. No. Accounts	Apts. No. Units	Apts. Ccf Usage	Apts. Billing	Comm. Accounts	Comm. Billing	Comm. Ccf Usage	Tract Connection Fees Uncollectable	Other Adjustments	MUD Billing Fees	Annual Revenue	Omaha Billing	Net Revenue
Oct. 18'	6508	\$222,701.25	40219	152	3310	15392	\$56,811.71	487	\$133,696.04	35746	1,500.00	1,500.00	\$14,265.50	\$234,414.24		\$234,414.24
Nov. 18'	6508	\$222,701.25	40219	152	3310	15392	\$56,811.71	487	\$133,696.04	35746	1,500.00	1,500.00	\$14,265.50	\$234,414.24		\$234,414.24
Dec. 18'	6508	\$222,701.25	40219	152	3310	15392	\$56,811.71	487	\$133,696.04	35746	1,500.00	1,500.00	\$14,265.50	\$234,414.24		\$234,414.24
Jan. 19'	6508	\$222,701.25	40219	152	3310	15392	\$56,811.71	487	\$133,696.04	35746	1,500.00	1,500.00	\$14,836.12	\$256,795.12		\$256,795.12
Feb 19'	6508	\$222,701.25	40219	152	3310	15392	\$56,811.71	487	\$133,696.04	35746	1,500.00	1,500.00	\$14,836.12	\$256,795.12		\$256,795.12
Mar. 19'	6508	\$222,701.25	40219	152	3310	15392	\$56,811.71	487	\$133,696.04	35746	1,500.00	1,500.00	\$14,836.12	\$256,795.12		\$256,795.12
Apr. 19'	6508	\$222,701.25	40219	152	3310	15392	\$56,811.71	487	\$133,696.04	35746	1,500.00	1,500.00	\$14,836.12	\$256,795.12		\$256,795.12
May 19'	6508	\$222,701.25	40219	152	3310	15392	\$56,811.71	487	\$133,696.04	35746	1,500.00	1,500.00	\$14,836.12	\$256,795.12		\$256,795.12
Jun. 19'	6508	\$222,701.25	40219	152	3310	15392	\$56,811.71	487	\$133,696.04	35746 0 s.f. and	1,500.00	1,500.00	\$14,836.12	\$256,795.12		\$256,795.12
Jul. 19'	6508	\$222,701.25	40219	152	3310	15392	\$56,811.71	487	\$133,696.04	35746 18 Ac. Comm	1,500.00	1,500.00	\$14,836.12	\$256,795.12		\$256,795.12
Aug. 19'	6508	\$222,701.25	40219	152	3310	15392	\$56,811.71	487	\$133,696.04	35746 1444 apts =	1,500.00	1,500.00	\$14,836.12	\$256,795.12		\$256,795.12
Sep. 19'	6508	\$222,701.25	40219	152	3310	15392	\$56,811.71	487	\$133,696.04	35746 7 bldgs.	1,500.00	1,500.00	\$14,836.12	\$256,795.12		\$256,795.12
Annual Totals	78096	\$2,672,414.98	482683	39720	184698	184698	\$681,740.51		\$1,604,352.47	428950	\$239,066.00	18,000.00	\$176,321.61	\$4,995,252.33	\$2,992,017.92	\$2,003,234.42

Assumed each building has a meter read by MUD. Bill as a Gen. Comm. Customer per building.
 Assumed 6 comm/indust in Sarpy Ind Sr. Area and 6 comm/indust in La Vista north of South Papio all at 2 acres per site average. For adding BVBP II and Papio Valley 2 portion of Sarpy Ind WSA to La Vista WSA, assumed 3 comm/ind connections at 2 acres per connection per year for this study