

TO: BOARD OF DIRECTORS

FROM: MARIO IGLESIAS
GENERAL MANAGER



DATE: NOVEMBER 8, 2018

AGENDA ITEM

E-1

NOVEMBER 14, 2018

APPROVE FINAL DRAFT OF THE BLACKLACK SEWER RATE STUDY REPORT AND DIRECT STAFF TO INITIATE A PROP 218 PROCESS TO INCLUDE SETTING THE PUBLIC HEARING FOR JANUARY 23, 2019

ITEM

Receive consultant's final draft and approve the Blacklake Sewer Rate Study Report, and direct staff to initiate the Prop 218 process to include setting January 23, 2019 for a public hearing regarding the matter. [RECOMMEND APPROVE REPORT, DIRECT STAFF TO INITIATE PROP 218 PROCESS, AND SET JANUARY 23, 2019 FOR PUBLIC HEARING]

BACKGROUND

Lechowicz & Tseng Municipal Consultants ("L&T"), was awarded a contract to complete a sewer rate study for the Blacklake Sewer Enterprise ("Sewer System") on June 27, 2018. At your Board's July 10, 2018 Board Meeting, Alison Lechowicz from L&T presented the Financial Needs Assessment for the Sewer System. Then, at your Board's October 24, 2018 Board Meeting, your Board received Ms. Lechowicz's presentation of the draft Blacklake Rate Study Report ("Report") and directed her to advance her efforts to create a final version of the Report.

Attached is the final version of the Report and provides your Board with the compiled data used by L&T to outline a financial recovery plan that defines rates and charges sufficient to maintain the Sewer System now and into the future. Once your Board adopts a final Report, the Board is positioned to direct staff to initiate the Prop. 218 process and set a public hearing.

A community engagement event held on October 24, 2018, at 3:00 PM at the Blacklake Golf Course Clubhouse, provided the District an opportunity to inform the community of Blacklake residents of the need for the rate adjustment as recommended in the final Report. At the community engagement, three concerns predominated the conversation. The community wanted to know: (1) why there was a difference between single-family and multi-family costs for sewer services; (2) why funds are being spent on the sewer system when the potential for joining the Blacklake and Town sewer systems is being evaluated, and; (3) why should the residents trust NCSD to do the right thing. The event ended after 2 hours of conversation and residents were encouraged to visit the District's website for more information.

FINANCIAL IMPACT

The cost for conducting the Blacklake rate study is included in the District's budget. Staff time was spent to compile information in support of the rate consultant's needs and time continues to be dedicated by District staff to meet residents and committee member needs; all included in the current year budget.

STRATEGIC PLAN

Strategic Plan Goal 2.1 – Efficiently Operate Collection, Treatment and Disposal Works

Strategic Plan Goal 2.2 – Upgrade and Maintain Collection and Treatment Works

Strategic Plan Goal 2.5 – Comply with State and Federal Regulations and Mandates

RECOMMENDATION

It is recommended that your Honorable Board approve, by motion and roll call vote, the Blacklake Rate Study Report and direct staff to initiate Prop 218 proceedings to include setting the public hearing date of January 23, 2019.

ATTACHMENTS

- A. Final Draft of the Blacklake Rate Study Report
- B. Final Draft Report Presentation

NOVEMBER 14, 2018

ITEM E-1

ATTACHMENT A



NIPOMO COMMUNITY SERVICES DISTRICT

Blacklake Sewer Rate Study

**Draft Report
November 14, 2018**



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SECTION 1: INTRODUCTION AND EXECUTIVE SUMMARY

1.1 Background

The Nipomo Community Services District (NCSD) is located in southern San Luis Obispo County near Highway 101. NCSD consists of two separately operated wastewater collection, treatment, and disposal systems – the Town system and the Blacklake system. The Town system utilizes the Southland Wastewater Treatment Facility (WTF) and serves about 3,100 accounts. The Blacklake system serves 559 customers and utilizes the Blacklake Water Reclamation Facility (WRF). The Blacklake WRF was constructed in 1984 to treat and dispose of wastewater generated throughout the Blacklake development. The WRF uses designated areas of the nearby golf course as a permitted spray field to dispose of treated reclaimed effluent. The Blacklake system has seven miles of gravity pipeline ranging from 6 to 12 inches in diameter and three lift stations (Misty Glen, The Oaks, and Woodgreen).

As described in Blacklake Sewer Master Plan (October 2017) by MKN Associates, Nipomo CSD is investigating the feasibility of regionalization of the Blacklake system with the Southland WTF. Regionalization would involve de-commissioning the Blacklake WRF and routing flows to the Southland WTF for treatment. This rate study does not take into consideration the costs associated with regionalization.

The Master Plan identifies three categories of capital improvements: 1) projects needed to maintain service in the near-term, 2) projects needed for continued local operation of the Blacklake WRF, and 3) improvements needed for regionalization at the Southland WTF. The community has not made a final decision regarding local operation vs. regionalization. Therefore, this report is based on continued local operation in the near-term and includes category 1 projects. Regionalization will take four to five years to physically connect the two systems and conduct improvements to the Town system to accept Blacklake flows. These more intensive projects (category 2 or 3 projects) are beyond the five-year scope of this rate study. Even if regionalization is pursued, near-term improvements to Blacklake (category 1) are needed to provide uninterrupted service.

NCSD last conducted an in-depth wastewater rate study in 2007. The study provided a schedule of rate adjustments through 2013. NCSD has maintained the same rates for the past five years despite inflationary cost increases. Fiscal year (FY) 2018 operating cash flows resulted in positive net revenues of a few thousand dollars. However, rate increases are needed to fund future capital improvements which total \$3.5 million over the next five years.

1.2 Requirements of Proposition 218

Proposition 218, the “Right to Vote on Taxes Act”, was approved by California voters in November 1996 and is codified as Articles XIII C and XIII D of the California Constitution. Proposition 218 establishes requirements for imposing any new or increasing any existing property-related fees and charges. For many years, there was no legal consensus on whether water and sewer service fees met the definition

of “property-related fees.” In July 2007, the California Supreme Court essentially confirmed that Proposition 218 applies to water and wastewater service fees. NCS D must follow the procedural requirements of Proposition 218 for all utility rate increases. These requirements include:

1. **Noticing Requirement** – NCS D must mail a notice of the proposed rate increases to all affected property owners or ratepayers. The notice must specify the amount of the fee, the basis upon which it was calculated, the reason for the fee, and the date/time/location of a public rate hearing at which the proposed rates will be considered/adopted.
2. **Public Hearing** – NCS D must hold a public hearing prior to adopting the proposed rate increases. The public hearing must be held not less than 45 days after the required notices are mailed.
3. **Rate Increases Subject to Majority Protest** - At the public hearing, the proposed rate increases are subject to majority protest. If more than 50% of affected property owners or ratepayers submit written protests against the proposed rate increases, the increases cannot be adopted.

Proposition 218 also established substantive requirements that apply to sewer rates and charges, including:

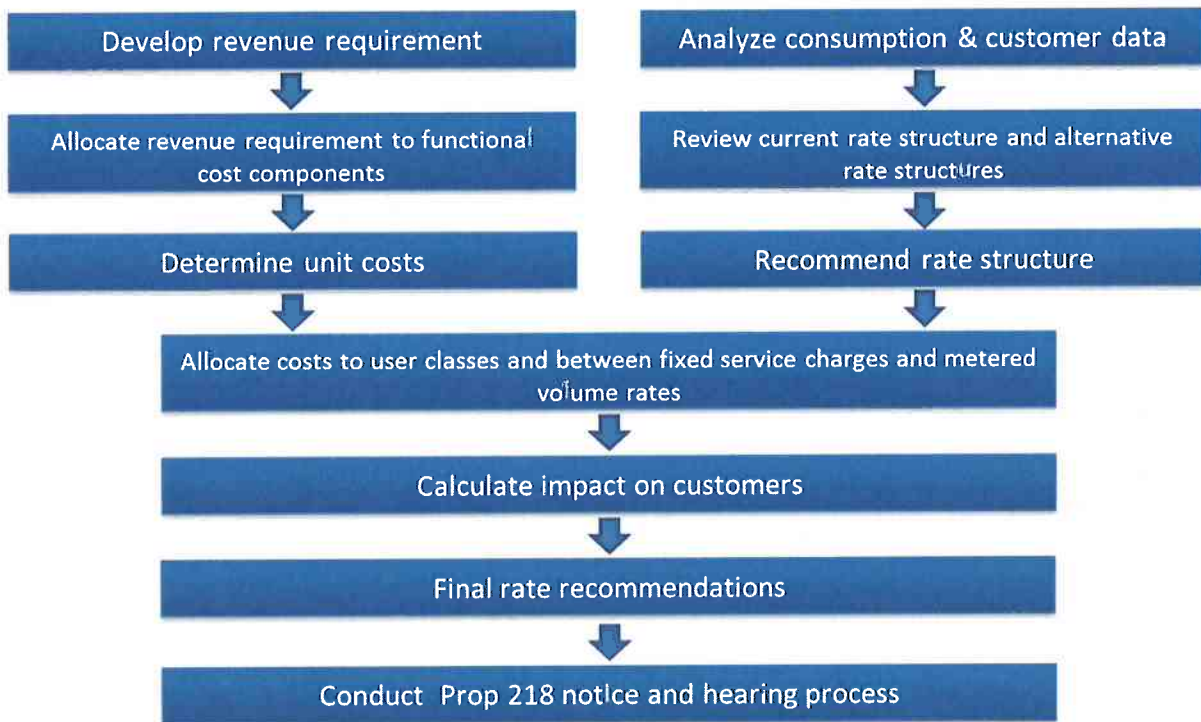
1. **Cost of Service** - Revenues derived from the fee or charge cannot exceed the funds required to provide the service. In essence, fees cannot exceed the “cost of service”.
2. **Intended Purpose** - Revenues derived from the fee or charge can only be used for the purpose for which the fee was imposed.
3. **Proportional Cost Recovery** - The amount of the fee or charge levied on any customer shall not exceed the proportional cost of service attributable to that customer.
4. **Availability of Service** - No fee or charge may be imposed for a service unless that service is used by, or immediately available to, the owner of the property.
5. **General Government Services** - No fee or charge may be imposed for general governmental services where the service is available to the public at large.

Charges for water, sewer, and refuse collection are exempt from additional voting requirements of Proposition 218, provided the charges do not exceed the cost of providing service and are adopted pursuant to procedural requirements of Proposition 218.

1.3 Rate Study Process

This section details the development of Blacklake’s sewer rates via the Proposition 218 process as shown in the following figure.

Figure 1: Comprehensive Cost of Service Study Process



The following is a brief description of the rate study process:

- **Revenue Requirements** – The revenue requirement is analyzed via a financial plan developed from the Blacklake Sewer Fund budget. Based on the best information currently available, the financial plan incorporates projected operation and maintenance costs, capital expenditures, debt service, and accumulation of prudent reserves. The plan serves as a roadmap for funding Blacklake’s future operating and capital programs while maintaining long-term fiscal stability.
- **Cost of Service Allocation** - The cost of service process builds on the financial plan analysis and assigns wastewater system costs to functional cost components: customer service, capacity, flow, biochemical oxygen demand (BOD) and total suspended solids (TSS).

- **Rate Design** - Rate design involves developing a rate structure that proportionately recovers costs from customers. Final rate recommendations are designed to (a) fund the utility' short- and long-term costs of providing service; (b) proportionately allocate costs to all customers and customer classes; and (c) comply with the substantive requirements of Proposition 218.

1.4 Proposed Rates

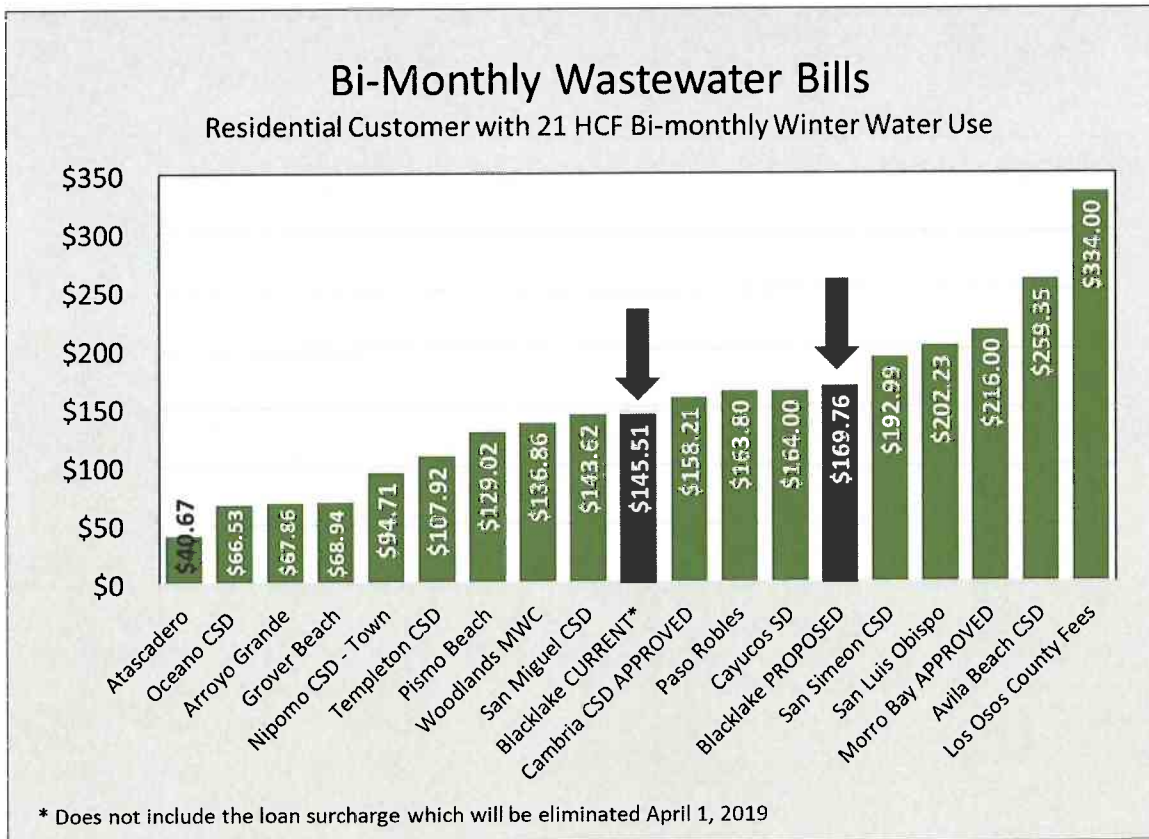
The findings and recommendations presented in this report were developed with substantial input from District staff, the NCSO Board of Directors, and the Blacklake Advisory Committee. The proposed Blacklake wastewater rates are provided in Table 1. The current single family residential bi-monthly bill is \$145.51. The single family bill is proposed to increase to \$169.76 on April 1, 2019, an increase of 16.7%.

**Table 1: Current and Proposed Bi-Monthly Sewer Rates
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Customer Class	Current	April 1, 2019	April 1, 2020	April 1, 2021	April 1, 2022	April 1, 2023
Bi-Monthly Residential Service Charges [1]						
Single Family	\$145.51	\$169.76 16.7%	\$197.77 16.5%	\$230.40 16.5%	\$268.42 16.5%	\$295.26 10.0%
Condominium (per dwelling unit)	\$95.08	\$109.08 14.7%	\$127.07 16.5%	\$148.04 16.5%	\$172.47 16.5%	\$189.72 10.0%
Non-Residential Service Charges [1]						
Fixed Meter Charges						
Up to 1"	\$65.52	\$88.35	\$102.93	\$119.91	\$139.70	\$153.67
1.5"	\$186.50	\$233.45	\$271.97	\$316.85	\$369.13	\$406.04
2"	\$295.38	\$364.04	\$424.11	\$494.09	\$575.61	\$633.17
3"	\$549.43	\$668.75	\$779.09	\$907.64	\$1,057.40	\$1,163.14
4"	\$912.36	\$1,104.05	\$1,286.22	\$1,498.45	\$1,745.69	\$1,920.26
6"	\$1,819.68	\$2,192.30	\$2,554.03	\$2,975.44	\$3,466.39	\$3,813.03
8"	\$2,908.48	\$3,498.20	\$4,075.40	\$4,747.84	\$5,531.23	\$6,084.35
Non-Residential Usage Rates (\$/HCF)						
Low Strength	\$3.56	\$3.97	\$4.63	\$5.39	\$6.28	\$6.91
Medium Strength	\$4.80	\$5.28	\$6.15	\$7.16	\$8.34	\$9.17
High Strength	\$7.59	\$8.22	\$9.58	\$11.16	\$13.00	\$14.30
Loan Surcharge	\$8.90	NA	NA	NA	NA	NA

1 – Does not include the loan surcharge of \$8.90 which will no longer be billed after April 1, 2019

Provided below is a chart comparing Blacklake’s current and proposed typical residential sewer bill with the bills of other local agencies. Some agencies, like NCSD, charge residential customers a fixed sewer charge, while others charge volume rates based on estimated sewer flow. The bills for agencies with volume rates were based on assumed sewer flow of 21 hundred cubic feet (HCF)¹ per bi-monthly period. 21 HCF is the average bi-monthly residential flow in the Blacklake service area.



¹ One HCF = 748 gallons

SECTION 2: CURRENT RATES AND CUSTOMER BASE

This section provides an overview of Blacklake's current wastewater rates, revenues, customer base, and sewer flows.

2.1 Historical and Current Wastewater Rates

NCSD bills its customers on a bi-monthly basis meaning that each bill represents a two-month period. There is a separate schedule of charges for residential and commercial customers. Single family and condominium (multi-family) residential customers are billed a fixed bi-monthly fee and are not billed volume rates for sewer flow. Instead, the fixed residential fees are intended to recover the average cost of providing sewer service across the entire residential class. Condominium customers are billed a lower fixed fee reflecting lower average sewer flow.

Commercial customers are charged a fixed fee based on the size of the water meter plus volume rates. Bi-monthly metered water consumption is used as a proxy for sewer flow. Outdoor commercial water use is separately metered under irrigation accounts which are not billed for sewer service. The commercial volume rate schedule consists of a low, medium, and high wastewater pollutant rate billed on a \$/HCF basis.

NCSD last increased the Blacklake sewer rates in 2013. A schedule of historical and current rates is provided in Table 2.

**Table 2: Historical and Current Bi-Monthly Sewer Rates
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Customer Class	Apr 2009	Jan 2010	Jan 2011	Jan 2012	Jan 2013 /Current
Bi-Monthly Residential Service Charges [1]					
Single Family	\$107.12	\$118.90	\$131.98	\$138.58	\$145.51
Condominium (per dwelling unit)	\$69.99	\$77.69	\$86.24	\$90.55	\$95.08
Non-Residential Service Charges [1]					
Fixed Meter Charges					
Up to 1"	\$48.23	\$53.54	\$59.43	\$62.40	\$65.52
1.5"	\$137.29	\$152.39	\$169.16	\$177.62	\$186.50
2"	\$217.45	\$241.36	\$267.91	\$281.31	\$295.38
3"	\$404.47	\$448.96	\$498.35	\$523.26	\$549.43
4"	\$671.65	\$745.53	\$827.54	\$868.91	\$912.36
6"	\$1,339.59	\$1,486.94	\$1,650.51	\$1,733.03	\$1,819.68
8"	\$2,141.12	\$2,376.64	\$2,638.07	\$2,769.98	\$2,908.48
Non-Residential Usage Rates (\$/HCF)					
Low Strength	\$2.62	\$2.91	\$3.23	\$3.39	\$3.56
Medium Strength	\$3.53	\$3.92	\$4.35	\$4.57	\$4.80
High Strength	\$5.59	\$6.20	\$6.89	\$7.23	\$7.59

1 – Does not include the loan surcharge of \$8.90

2.2 Current Revenues

Table 3 provides Blacklake's current customer count and FY2018 revenues. The Blacklake system serves 559 customers, of which four are commercial. End of year FY2018 unaudited operating results indicate that rate revenues totaled approximately \$475,500.

**Table 3: Current Customer Count and Rate Revenue
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Customer Class	Current Rates	FY2018 Customer Count	% of Total	FY2018 Est. Rev	% of Total
Bi-Monthly Residential Service Charges [1]					
Single Family	\$145.51	487	87.1%	\$425,180	89.5%
Condominium	\$95.08	68	<u>12.2%</u>	<u>\$38,793</u>	<u>8.2%</u>
(per dwelling unit)		555	99.3%	\$463,973	97.7%
Non-Residential Service Charges [1]					
Fixed Meter Charges					
Up to 1"	\$65.52	3	0.5%	\$1,179	0.2%
1.5"	\$186.50	0	0.0%	\$0	0.0%
2"	\$295.38	1	0.2%	\$1,772	0.4%
3"	\$549.43	0	0.0%	\$0	0.0%
4"	\$912.36	0	0.0%	\$0	0.0%
6"	\$1,819.68	0	0.0%	\$0	0.0%
8"	\$2,908.48	<u>0</u>	<u>0.0%</u>	<u>\$0</u>	<u>0.0%</u>
		4	0.7%	\$2,952	0.6%
Non-Residential Usage Rates (\$/HCF)					
Low Strength	\$3.56	533		\$1,897	0.4%
Medium Strength	\$4.80	0		\$0	0.0%
High Strength	\$7.59	<u>833</u>		<u>\$6,322</u>	<u>1.3%</u>
		1,366		\$8,220	1.7%
		Total	100.0%	\$475,144	100.0%
				FY2018 Year End Actual	\$475,508

1 - Does not include the \$8.90 loan surcharge

2.3 Wastewater Flow Statistics

NCSD does not individually measure the wastewater flow of each customer. As described above, bi-monthly water use is used as a proxy for commercial sewer effluent. Residential customers do not have dedicated irrigation meters. Therefore, residential wastewater flows are based on winter water consumption when outdoor water use is at a minimum.

Table 4 provides an analysis of single family residential winter water use. The average bi-monthly winter consumption is 20.5 HCF based on spring 2018 data. This closely aligns with 22 HCF per bi-monthly usage estimated in the 2007 rate study. As part of the rate study process, 2017 data was also considered. However, 2017 was an extreme drought year and is not indicative of anticipated flows over the next five years. Ultimately, 2018 data was selected as the basis for this rate study.

**Table 4: Single Family Residential Winter Water Use
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Month	FY2018 HCF
July 2017	15,924
September 2017	15,776
November 2017	14,619
January 2018	11,352
March 2018	8,622
May 2018	13,241
Average Winter Use (shaded)	9,987
Number of Single Family Residential Dwelling Units	487
Average Use Per Unit	20.5
Prior Rate Study (Hundred cubic feet/billing period)	22

Table 5 provides the estimated condominium water use and sewer flow. As shown below, the condominium customer class does not have a distinctive low usage period during the winter. It is likely that condominium customers have limited, seasonal outdoor water use. For rate design purposes, the two lowest water usage periods were used to estimate condominium sewer flow. The average use is 5.2 HCF per bi-monthly period which is slightly higher than the use estimated in the prior rate study.

**Table 5: Condominium Winter Water Use
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Month	FY2018 HCF
July 2017	453
September 2017	440
November 2017	355
January 2018	387
March 2018	381
May 2018	355
Average Winter Use (shaded)	355
Number of Dwelling Units	68
Average Use Per Unit	5.2
Prior Rate Study (Hundred cubic feet/billing period)	4

SECTION 3: REVENUE REQUIREMENT

Proposition 218 requires that utility rates be based on the reasonable cost of providing service to customers. The cost of service includes annual operating expenses, debt service payments, capital projects, and the accumulation of appropriate reserves. The Blacklake cost of service was developed based on the FY2019 adopted budget, capital project lists from the 2017 Master Plan, and reserve recommendations based on NCSD's Cash Reserve Policy (Resolution No. 2017-1435). The Blacklake Sewer Enterprise is made up of three funds: Operations (Fund #150), Capital (Asset) Replacement (Fund #830), and the Rate Stabilization Fund (Fund #155).

3.1 Operations Fund

This section describes the revenues and expenses of the Operations Fund. The Operations Fund cash flow is shown in Table 6.

3.1.1 Revenues

The vast majority of wastewater operating revenues are provided via bi-monthly service rates, about \$475,000 annually. In FY2018, about \$4,000 in non-rate revenues was generated from interest earnings on reserves, and \$25,000 was generated through the loan surcharge. The surcharge will remain in place through April 1, 2019 to repay an inter-fund loan. The loan was issued to fund pond liner improvements at the Blacklake WRF. The Blacklake system is built-out and the customer base is stable. NCSD does not anticipate additional new revenues from customer growth.

3.1.2 Operations and Maintenance (O&M)

In FY2018, operating expenses totaled about \$287,000. Major cost categories include administration, staffing, electricity, chemicals, and repairs and maintenance. Most expenses are projected to increase by 3% annually. Every three years, the Blacklake system incurs additional costs for legal and professional services. This line-item includes engineering studies, master planning, additional legal support, rate studies, and financial planning. In FY2019, legal and professional services are budgeted at \$99,000.

There is a proposed staffing adjustment recommended for FY2020 which will add \$62,000 in new O&M expenses. Section 10 of the Blacklake Sewer Master plan provides a staffing analysis of the Blacklake WRF. MKN Associates recommends a staffing adjustment of +0.6 to 0.7 full time equivalents (FTEs) for a wastewater treatment operator. This increase reflects the high level of maintenance required to keep the Blacklake WRF operating. Staffing costs were estimated based on the average wages and benefits of current NCSD operators. The proposed staffing expense is projected to increase by 3% annually.

3.1.3 Debt

In addition to operating expenses, Fund #150 includes Blacklake sewer debt. In FY2019, the pond liner loan will be paid off and the debt will be retired. To fund future capital improvements (Table 7), it is anticipated that the Blacklake system will issue new debt. Debt proceeds (revenues) of \$1.8 million is

included in the Capital Replacement Fund cash flow in Table 8. The payment is projected to be \$144,000 annually beginning in FY2021. Debt covenants typically require that the borrower maintain a debt coverage ratio of 1.25, meaning that net operating revenues² are equal to or exceed 1.25 times the annual payment. The financial plan provided in this report is intended to develop revenues to exceed the minimum debt coverage requirement.

3.1.4 Capital Replacement Set-aside

The Blacklake Replacement Fund is used to accumulate funds for the future replacement of existing capital assets. Current annual funding is \$168,000. To keep up with inflationary construction cost increases, it is recommended that the set-aside increase by 3% annually beginning in FY2020.

3.1.5 Operating Reserve and Rate Stabilization Reserve

The wastewater cost of service includes funding to maintain prudent cash reserves. For the Operations Fund, reserves could be used to fund unanticipated or emergency expenses. Blacklake's current reserve target is six months of operating expenses which is recommended to be continued. It should be noted that due to the "lumpiness" of legal and professional service costs, the reserve target may increase or decrease in any given year. In FY2018, the operating reserve was \$243,000 which exceeded the target of \$143,000.

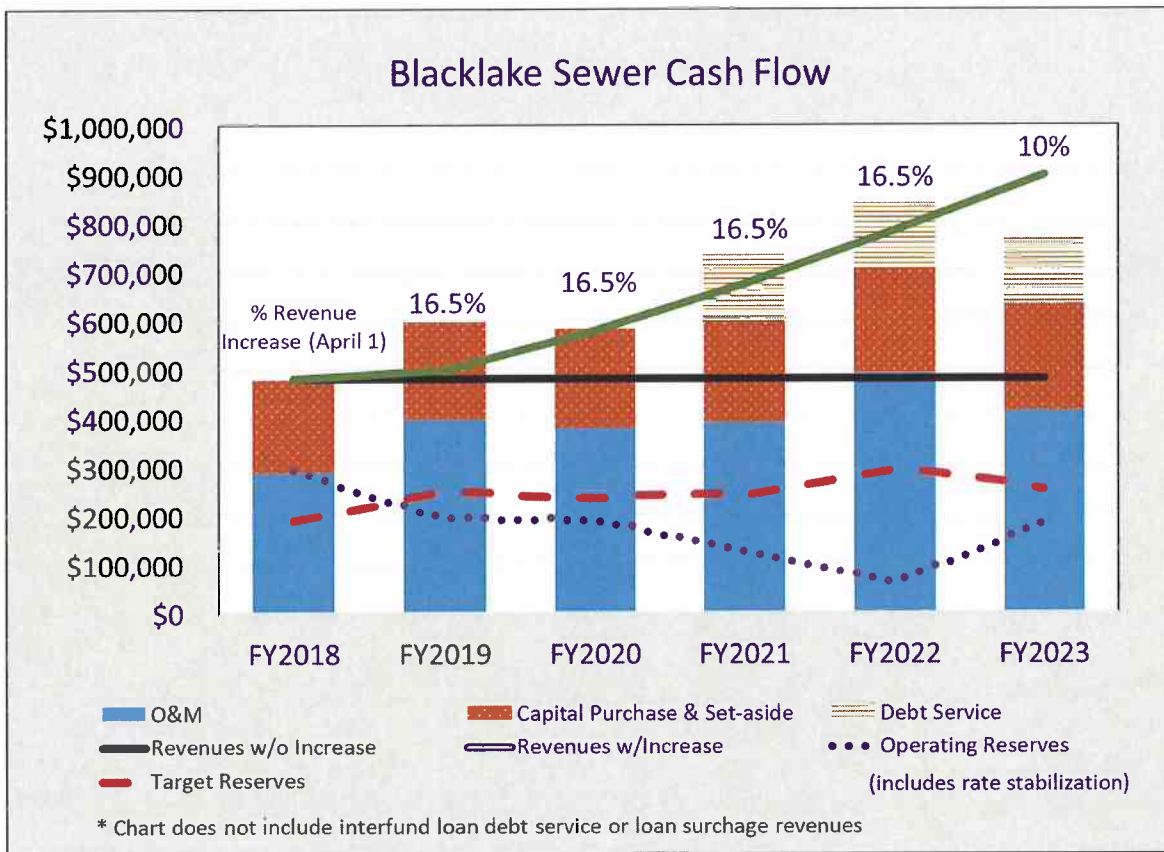
Fund #155 is the Blacklake Sewer Rate Stabilization Fund. The rate stabilization target is \$50,000 which is currently met. Fund #155 was established by the Board to improve the utility's credit rating and financial standing. Rate stabilization funds are more commonly used by water utilities than sewer utilities. Water utilities typically collect a large portion of their revenues from volume rates. Water rate stabilization reserves help agencies maintain cash flow during drought conditions. In contrast, most sewer utilities collect a large portion of revenues from fixed charges which are highly stable. As shown in Table 3, Blacklake collects only 1.7% of its revenues from volume rates. Nevertheless, it is recommended that Blacklake maintain the rate stabilization reserve target of \$50,000 consistent with adopted District policy.

The cash flow analysis developed in this report assumes that Blacklake will use reserves as needed to overcome short-term financial constraints and minimize rate volatility. At the end of the five-year rate plan in FY2023, total operating reserves are projected to be lower than the targeted amount. However, beyond FY2023, Blacklake rate revenues will be adequate to rebuild reserves with only minor inflationary increases.

² Gross operating revenues less operating expenses. Operating expenses do not include capital projects or replacement funding.

3.2 Operations Cash Flow

Current rates provide adequate revenue to meet most O&M expenditures, but capital replacement funding – the cost for placing old pipes, pumps, and ponds – has not been sufficiently funded for a number of years. Rate increases are needed over the next five years to fund inflationary cost increases in O&M and new debt service expenses (loans) for money borrowed to pay for replacing or repairing old equipment and facilities. Rate increases are proposed to be implemented April 1 each year for the next five years through April 1, 2023. The total rate revenue collected each fiscal year will reflect 9 months (July to March) at the prior year’s rates plus 3 months (April to June) at the new rates. The operations cash flow is provided in the chart below and in Table 6.



**Table 6: Operations Cash Flow Analysis
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Line	FY2018 Year-End	FY2019 Budget	FY2020 Projected	Prop 218			
				FY2021 Projected	FY2022 Projected	FY2023 Projected	
1	Rate Revenue Increase (Effective Apr 1)	Current	16.5%	16.5%	16.5%	16.5%	10.0%
2	Operations Balance (#150)	\$239,900	\$243,000	\$145,000	\$142,000	\$73,600	\$8,100
REVENUES							
3	Rate Revenues	475,000	495,000	576,000	671,000	782,000	897,000
4	Loan Surcharge	25,000	20,000	0	0	0	0
5	Interest Income	<u>4,000</u>	<u>3,000</u>	<u>2,000</u>	<u>2,000</u>	<u>1,000</u>	<u>0</u>
6	Total Revenues	504,000	518,000	578,000	673,000	783,000	897,000
OPERATIONS [1]							
7	Gen & Admin Staffing	8,600	10,000	10,300	10,600	10,900	11,200
8	Legal & Prof Services [2]	8,700	99,000	9,000	9,300	100,000	9,900
9	Office Expenses & Misc	9,000	17,000	17,500	18,000	18,500	19,100
10	Admin Transfer Out	16,200	18,000	18,500	19,100	19,700	20,300
11	Operations Staffing	121,000	116,000	119,500	123,100	126,800	130,600
12	Staffing Adjustment (0.7 FTE) [3]	0	0	62,000	63,900	65,800	67,800
13	Electricity	37,500	43,500	44,800	46,100	47,500	48,900
14	Chemicals	16,000	19,000	19,600	20,200	20,800	21,400
15	Lab Tests & Sampling	25,900	27,500	28,300	29,100	30,000	30,900
16	Repairs & Maintenance	19,900	13,000	13,400	13,800	14,200	14,600
17	Permits and Operating Fees	8,400	9,000	9,300	9,600	9,900	10,200
18	Other O&M Supplies and Services	<u>15,700</u>	<u>25,000</u>	<u>25,800</u>	<u>26,600</u>	<u>27,400</u>	<u>28,200</u>
19	Total Operating Expenses	286,900	397,000	378,000	389,400	491,500	413,100
20	Net Operating Revenues	217,100	121,000	200,000	283,600	291,500	483,900
DEBT SERVICE							
21	Existing Debt Service (Interfund loan)	24,000	20,000	0	0	0	0
22	New Debt [4]	<u>0</u>	<u>0</u>	<u>0</u>	<u>144,000</u>	<u>144,000</u>	<u>144,000</u>
23	Total Annual Debt Service	24,000	20,000	0	144,000	144,000	144,000
24	Debt Coverage Ratio	9.05	6.05	NA	1.97	2.02	3.36
25	Transfer to Capital (set-aside)	168,000	168,000	173,000	178,000	183,000	188,000
26	Fixed Asset Purchase	22,000	31,000	30,000	30,000	30,000	30,000
27	Total Expenses	500,900	616,000	581,000	741,400	848,500	775,100
28	Net Revenue	3,100	(98,000)	(3,000)	(68,400)	(65,500)	121,900
29	Ending Fund Balance	243,000	145,000	142,000	73,600	8,100	130,000
30	Rate Stabilization (#155) [5]	<u>50,000</u>	<u>51,000</u>	<u>52,000</u>	<u>53,000</u>	<u>54,000</u>	<u>55,000</u>
31	Beginning Fund Balance	293,000	196,000	194,000	126,600	62,100	185,000
32	Target [6]	\$193,500	\$248,500	\$239,000	\$244,700	\$295,800	\$256,600

-
- 1 - Most budgeted line items are projected to increase by 3% annually
 - 2 - Reflects additional costs for rate studies, master plans, and specialized legal services needed approximately every 3 years
 - 3 - Staffing recommended in the MKN October 2017 Blacklake Sewer Master Plan, Section 10
 - 4 - Based on \$1.8 million borrowed in FY2020 over 20 years at 5% interest.
 - 5 - Assumed to collect \$1,000 per year in interest earnings
 - 6 - 6 months of operating expenses not including funded replacements plus \$50,000 in rate stabilization reserves

3.3 Capital Fund

Capital project costs are the main driver of the proposed rate increases. The 2017 Blacklake Sewer Master Plan describes three categories of capital improvements: 1) near-term repairs to keep the Blacklake system operating, 2) longer-term projects to improve efficiency and retrofit the Blacklake WRF, and 3) an option to join the Blacklake system with the Town system via regionalization. Projects in category 1 are needed regardless of Blacklake’s decision to regionalize or continue local operations. The financial plan and rate recommendations included in this report reflect funding of only near-term repairs of the Blacklake system. A summary of capital improvement expenses is provided in Table 7.

**Table 7: Capital Improvement Project Summary
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Capital Cost Category	Costs Through FY2023 [1]
Lift Stations	
Woodgreen Rehabilitation	\$683,400
The Oaks Rehabilitation	102,500
Misty Glen Rehabilitation	<u>97,800</u>
Lift Station Subtotal	883,700
Sewer Mains	
Golf Course Trunk Main	560,700
Tourney Hill Sewer Main	319,700
Oakmont Sewer Main	<u>196,200</u>
Sewer Main Subtotal	1,076,600
Sludge Removal	468,600
Blacklake WRF	
Pond 1 Rehabilitation	384,600
Chlorine Contact Chamber Rehab	392,400
Site Improvements	<u>258,100</u>
Blacklake WRF Subtotal	1,035,100
TOTAL	\$3,464,000

1 - Capital projects described on pages 9-10 of the Master Plan. Costs escalated from December 2013 to the year of construction.

The capital cash flow is provided in Table 8. The current fund balance is \$819,000. To minimize impacts on ratepayers, the financial plan assumes that Blacklake will use its existing reserves to fund projects over the next five years. In addition to reserves, projects will be funded via the annual capital set-aside from the Operations Fund and a new debt issuance of \$1.8 million projected for FY2020. At the end of the five-year rate study period, it is projected that the Blacklake capital fund will have \$56,000 in remaining reserves. Beyond FY2023, NCS D should conduct an engineering analysis to review permitting and regulatory compliance.³

**Table 8: Capital Cash Flow Analysis
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

	Prop 218				
	FY2019 Budget	FY2020 Projected	FY2021 Projected	FY2022 Projected	FY2023 Projected
Replacement (Fund #830)					
Beginning Fund Balance	\$819,000	\$25,000	\$938,600	\$732,000	\$223,900
REVENUES					
Interest Income [1]	11,000	0	0	0	0
Transfer from Operations	168,000	173,000	178,000	183,000	188,000
Debt Proceeds	0	1,800,000	0	0	0
Total Revenues	179,000	1,973,000	178,000	183,000	188,000
CAPITAL PROJECTS					
Lift Station Rehab - Woodgreen	683,400	0	0	0	0
Blacklake Sludge Removal	289,600	179,000	0	0	0
Golf Course Trunk Main	0	560,700	0	0	0
Tourney Hill Sewer Main	0	319,700	0	0	0
WRF Pond 1 Rehab	0	0	384,600	0	0
Lift Station Rehab - The Oaks	0	0	0	102,500	0
WRF Chlorine Contact Chamber Rehab	0	0	0	392,400	0
Oakmont Sewer Main	0	0	0	196,200	0
WRF Site Improvements	0	0	0	0	258,100
Lift Station Rehab - Misty Glen	0	0	0	0	97,800
Total Expenses	973,000	1,059,400	384,600	691,100	355,900
Net Revenues	(794,000)	913,600	(206,600)	(508,100)	(167,900)
Ending Fund Balance	25,000	938,600	732,000	223,900	56,000

1 - FY2021 and beyond, the fund balance is primarily made up of debt proceeds. It is assumed that NCS D would generate negligible interest earnings to avoid negative arbitrage.

³ This includes anticipated actions for emerging, regulated wastewater pollutants and the need for future capital improvement projects.

SECTION 4: COST ALLOCATION

FY2019 was used as the test year for cost allocation purposes. Budgeted expenses were assigned to customer service, capacity, collection system, and treatment categories see Table 9.

4.1 Fixed Costs

Customer service costs are fixed and include administration, billing, accounts management, and office supplies. Customer services costs make up about 10% of total costs. Capacity costs are also fixed and consist of expenses needed to maintain Blacklake sewer infrastructure including both the collection system and treatment plant. Line-items include debt service, permits and operating fees, most fixed asset purchase and capital replacement costs, and 50% of operations staffing. Capacity-related operating costs do not vary with the level of wastewater discharge and make up about 44% of system costs. In total, about 54% of Blacklake sewer costs are fixed.

4.2 Variable Costs

Variable or flow related costs were allocated to the collection system and treatment plant. These costs are dependent on the amount of wastewater effluent discharged by customers. Treatment plant costs are further subdivided into flow, biochemical oxygen demand (BOD), and total suspended solids (TSS). BOD and TSS are wastewater pollutant constituents that are costly for Blacklake to treat.

Collection system flow costs include small portions of operations staffing, professional services, and capital costs and 40% of repair and maintenance costs. When customers use the system more heavily, NCSD incurs greater repair and replacement costs. The collection system is allocated 7% of electricity costs based on lift station electric bills from prior years. The collection system flow cost category represents 11% of the total cost of service.

Similar to the other categories, the treatment plant is allocated a portion of operations staffing, professional services, and repairs and maintenance. 93% of electric costs, and 100% of chemicals and laboratory costs are allocated to the treatment plant. Variable costs of operating the treatment plant represent 35% of the total cost of service.

**Table 9 : Cost Allocation
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

	FY2019 Budget	Customer		Capacity		Collection		Treatment		Cust. Service		Capacity		Collection		Treatment	
		Service Fixed	Fixed	Fixed	Fixed	Flow	System	Flow	TSS	Flow	BOD	TSS	Flow	System	Flow	BOD	TSS
OPERATIONS																	
Gen & Admin Staffing	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	100%	0%	0%	0%	0%	0%	0%	0%
Legal & Prof Services	99,000	9,900	49,500	19,800	19,800	0	0	0	0	10%	50%	20%	0%	20%	0%	0%	0%
Office Expenses & Misc	17,000	17,000	0	0	0	0	0	0	0	100%	0%	0%	0%	0%	0%	0%	0%
Admin Transfer Out	18,000	18,000	0	0	0	0	0	0	0	100%	0%	0%	0%	0%	0%	0%	0%
Operations Staffing	116,000	0	58,000	17,400	17,400	11,600	11,600	11,600	11,600	0%	50%	15%	15%	15%	10%	10%	10%
Electricity	43,500	0	0	3,248	3,248	0	0	0	0	0%	0%	7%	93%	0%	0%	0%	0%
Chemicals	19,000	0	0	0	0	3,800	7,600	7,600	7,600	0%	0%	0%	20%	40%	40%	40%	40%
Lab Tests & Sampling	27,500	0	0	0	0	13,750	6,875	6,875	6,875	0%	0%	0%	50%	25%	25%	25%	25%
Repairs & Maintenance	13,000	0	2,600	5,200	5,200	1,300	1,300	1,300	1,300	0%	20%	40%	20%	10%	10%	10%	10%
Permits & Operating Fees	9,000	0	9,000	0	0	0	0	0	0	0%	100%	0%	0%	0%	0%	0%	0%
Other O&M	25,000	0	12,500	5,000	5,000	2,500	2,500	2,500	2,500	0%	50%	20%	10%	10%	10%	10%	10%
Total Operating	397,000	54,900	131,600	50,648	50,648	100,102	29,875	29,875	29,875								
Existing Debt Service	20,000	0	20,000	0	0	0	0	0	0	0%	100%	0%	0%	0%	0%	0%	0%
Transfer to Capital Fund	168,000	0	100,800	16,800	16,800	16,800	16,800	16,800	16,800	0%	60%	10%	10%	10%	10%	10%	10%
Fixed Asset Purchase	31,000	4,650	20,150	1,550	1,550	1,550	1,550	1,550	1,550	15%	65%	5%	5%	5%	5%	5%	5%
Total Expenses [1]	\$616,000	\$59,550	\$272,550	\$68,998	\$68,998	\$118,452	\$48,225	\$48,225	\$48,225	10%	44%	11%	19%	8%	8%	8%	8%

1 – FY2019 expenses of \$616,000 are greater than projected revenues of \$518,000. \$98,000 is projected to be drawn from reserves to cover costs.

SECTION 5: RATE DESIGN

This section provides the rate calculations to meet the revenue requirements described in prior sections. Blacklake’s current rate structure is consistent with industry standard practice. No rate structure changes are proposed. Instead, the amount of each rate or charge is recommended to increase each year for the next five years.

5.1 Billing Units

Proposition 218 requires that rates and charges be billed to customers proportionally based on how they take service from the utility. To establish proportionality, a customer analysis was conducted to review flow and pollutant loading patterns of residential and commercial customers. Total annual flow is estimated in Table 10.

**Table 10: Flow Estimates
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Customer Class	# of Customers	Winter Water Use (HCF/bi-mo) [1]	Annual Sewer Flow (HCF)
Single Family	487	20.5	59,922
Condominium	68	5.2	2,130
Commercial [2]			
Low Strength			242
Medium Strength			0
High Strength			<u>738</u>
			63,032

1 - Developed in Table 4 and Table 5; unrounded flow of 20.5072 for single family and 5.2206 for condominium was used to calculate annual flow

2 - Estimated based on FY2018 water use data adjusted downward for outlier data

Table 11 estimates wastewater pollutant concentrations of each customer class. The BOD and TSS loading estimates were developed in Blacklake’s prior rate study and are consistent with recommendations from the State Water Resources Control Board. The pollutant strength of each customer class is multiplied by the flow of that class to estimate pounds of BOD and TSS.

**Table 11: Pollutant Loading Estimates
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Customer Class	Flow (HCF)	% of Total	BOD (mg/l)	TSS (mg/l)	BOD (Lbs)	% of Total	TSS (Lbs)	% of Total
Single Family	59,922	95.1%	200	200	74,811	90.8%	74,811	92.4%
Condominium	2,130	3.4%	200	200	2,659	3.2%	2,659	3.3%
Commercial								
Low Strength	242	0.4%	200	200	302	0.4%	302	0.4%
Medium Strength	0	0.0%	400	400	0	0.0%	0	0.0%
High Strength	<u>738</u>	<u>1.2%</u>	1000	700	<u>4,607</u>	<u>5.6%</u>	<u>3,225</u>	<u>4.0%</u>
Total	63,032	100.0%			82,379	100.0%	80,997	100.0%

Table 12 develops the count of customer equivalents. Customer equivalents are used to recover capacity costs. Capacity cost are assigned based on the hydraulic capacity of each customer's connection to the sewer system. Larger connections occupy more capacity in the system than smaller connections and thus have a larger cost burden. Each single family and condominium dwelling unit is counted as one meter or customer equivalent. Commercial customer equivalents are based on meter size.

**Table 12: Customer Equivalents
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Meter Size	# of Meters	Meter Ratio [1]	# of Meter Equivalents [2]
Residential	555	1.0	555.0
Commercial			
1"	3	1.0	3.0
1.5"	0	3.0	0.0
2"	1	4.8	4.8
3"	0	9.0	0.0
4"	0	15.0	0.0
6"	0	30.0	0.0
8"	<u>0</u>	48.0	<u>0.0</u>
Total	559		562.8

1 - Hydraulic capacity factors developed in the 2007 Blacklake Sewer System Financial Plan and User Rates Report

2 - Meter ratio times number of meters

5.2 Unit Cost Calculation

The Blacklake unit cost calculation is provided in Table 13. The FY2019 revenue requirement from Table 6 is divided by the billing units for each cost category. The allocation to each cost category is based on the percentages from Table 9. The FY2019 revenue requirement of \$553,000 represents 12 months of rate revenues. However, the FY2019 proposed rate adjustment will take place April 1, 2019. Over the entire fiscal year, Blacklake is projected to collect \$495,000 which is nine months of revenues at the current rates plus three months of revenues based on the unit costs shown below.

Customer service costs are proposed to be recovered as a fixed charge billed based on the number of accounts. Capacity costs are recovered as a fixed charge based on customer equivalents. Collection system and treatment plant flow unit costs are developed based on the estimated wastewater discharge from Table 10. BOD and TSS unit costs are developed from the pollutant loadings shown in Table 11.

**Table 13: FY2019 Unit Cost Calculation
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

	Customer Service	Capacity	Collection System	Treatment			Total
				Flow	BOD	TSS	
Cost Allocation	10%	44%	11%	19%	8%	8%	100%
Revenue Requirement [1]	\$53,000	\$245,000	\$62,000	\$106,000	\$43,000	\$43,000	\$553,375
Billing Units	559 # of Accounts	562.8 # of Equivalents	63,032 Annual Flow (HCF)	63,032 HCF	82,379 lbs	80,997 lbs	
Units Costs	\$15.80 \$/bi-month	\$72.55 \$/bi-month	\$0.98 \$/HCF	\$1.68 \$/HCF	\$0.52 \$/lb	\$0.53 \$/lb	

1 – Rounded to nearest \$1,000

5.3 Rate Calculation

The fixed meter fee calculation is provided in Table 14. These fees recover capacity and customer service costs. The capacity unit cost developed above is multiplied by the meter equivalent for each meter size to calculate the total capacity cost. The customer service fee is added to the capacity cost to calculate the total fixed meter fee. Customer service fees do not vary based on the size of the meter and all customers are billed the same amount. Table 15 develops the volume rates for all customer classes based on the unit costs above and the loadings shown in Table 11. The total volume rate consists of a collection system flow charge, a treatment plant flow charge, a BOD treatment charge, and a TSS treatment charge.

**Table 14: FY2019 Fixed Meter Fee Calculation
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Meter Size	Capacity Charge		Meter Equivalent [1]	Subtotal Capacity	Customer Service Fee	Total Bi-monthly Fee (Capacity + Cust. Serv.)
Residential			1.00	\$72.55	\$15.80	\$88.35
Commercial						
1"	\$72.55	X	1.00	\$72.55	\$15.80	\$88.35
1.5"	\$72.55	X	3.00	\$217.65	\$15.80	\$233.45
2"	\$72.55	X	4.80	\$348.24	\$15.80	\$364.04
3"	\$72.55	X	9.00	\$652.95	\$15.80	\$668.75
4"	\$72.55	X	15.00	\$1,088.25	\$15.80	\$1,104.05
6"	\$72.55	X	30.00	\$2,176.50	\$15.80	\$2,192.30
8"	\$72.55	X	48.00	\$3,482.40	\$15.80	\$3,498.20

1 - Hydraulic capacity factors developed in the 2007 Blacklake Sewer System Financial Plan and User Rates Report

**Table 15: FY2019 Flow Rate Calculation
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Component	Low &		
	Residential	Medium	High
Flow			
Collection	\$0.98	\$0.98	\$0.98
Treatment	\$1.68	\$1.68	\$1.68
BOD	\$0.65	\$1.30	\$3.25
TSS	<u>\$0.66</u>	<u>\$1.32</u>	<u>\$2.32</u>
Total (\$/HCF)	\$3.97	\$5.28	\$8.22

FY2019 residential charge calculations are provided in Table 16. The total residential rate is the sum of the customer service, capacity, and flow charges. As described in prior sections, the average single family flow is 20.5 HCF per billing period and the average condominium flow is 5.2 HCF. This flow is multiplied by the low strength volume rate and added to the total residential bill.

**Table 16: FY2019 Residential Rate Calculations
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Components	Unit Cost		Count	Units	Cost (\$/bi-mo)
SINGLE FAMILY RESIDENTIAL					
Customer Service	\$15.80	X	1	account	\$15.80
Capacity	\$72.55	X	1	equivalent	\$72.55
Flow (low strength)[1]	\$3.97	X	20.5	HCF/bi-mo	<u>\$81.41</u>
					\$169.76
CONDOMINIUM					
Customer Service	\$15.80	X	1	account	\$15.80
Capacity	\$72.55	X	1	equivalent	\$72.55
Flow (low strength) [2]	\$3.97	X	5.2	HCF/bi-mo	<u>\$20.73</u>
					\$109.08

1 – Unrounded flow of 20.5072 HCF is used to calculate the total flow charge

2 – Unrounded flow of 5.2206 HCF is used to calculate the total flow charge

5.4 Proposed Wastewater Rates

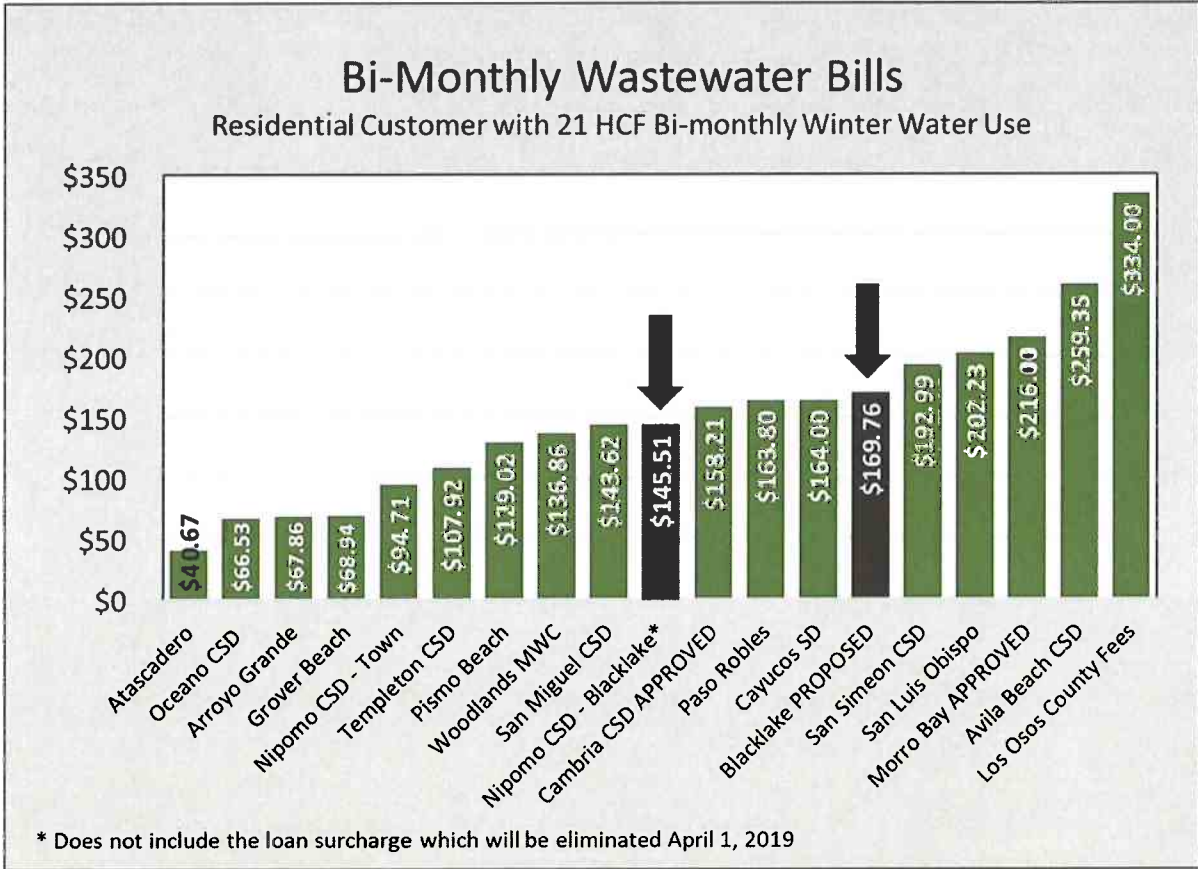
The proposed rates through FY2023 are shown in Table 17. The proposed 2019 rates reflect the cost allocation adjustments described in this report. For example, the systemwide 2019 rate increase is 16.5% as shown in Table 6. Not all customers are proposed to receive an increase of exactly 16.5%. The single family rate is proposed to increase by 16.7% (slightly above the system average) due to wastewater flow and pollutant loading characteristics of that customer class. The rates for FY2020 through FY2023 are calculated as the 2019 rates multiplied by the increase in the revenue requirement each year.

Also provided below is a chart comparing the current and proposed Blacklake single family residential sewer bill with the sewer bills of other local agencies. For agencies that charge volume rates, an estimated flow of 21 HCF per two-month period was used for comparison purposes.

**Table 17: Current and Proposed Bi-Monthly Sewer Rates
Nipomo Community Services District
Blacklake Sewer Rate Study 2018**

Customer Class	Current	April 1, 2019	April 1, 2020	April 1, 2021	April 1, 2022	April 1, 2023
Bi-Monthly Residential Service Charges [1]						
Single Family	\$145.51	\$169.76 16.7%	\$197.77 16.5%	\$230.40 16.5%	\$268.42 16.5%	\$295.26 10.0%
Condominium (per dwelling unit)	\$95.08	\$109.08 14.7%	\$127.07 16.5%	\$148.04 16.5%	\$172.47 16.5%	\$189.72 10.0%
Non-Residential Service Charges [1]						
Fixed Meter Charges						
Up to 1"	\$65.52	\$88.35	\$102.93	\$119.91	\$139.70	\$153.67
1.5"	\$186.50	\$233.45	\$271.97	\$316.85	\$369.13	\$406.04
2"	\$295.38	\$364.04	\$424.11	\$494.09	\$575.61	\$633.17
3"	\$549.43	\$668.75	\$779.09	\$907.64	\$1,057.40	\$1,163.14
4"	\$912.36	\$1,104.05	\$1,286.22	\$1,498.45	\$1,745.69	\$1,920.26
6"	\$1,819.68	\$2,192.30	\$2,554.03	\$2,975.44	\$3,466.39	\$3,813.03
8"	\$2,908.48	\$3,498.20	\$4,075.40	\$4,747.84	\$5,531.23	\$6,084.35
Non-Residential Usage Rates (\$/HCF)						
Low Strength	\$3.56	\$3.97	\$4.63	\$5.39	\$6.28	\$6.91
Medium Strength	\$4.80	\$5.28	\$6.15	\$7.16	\$8.34	\$9.17
High Strength	\$7.59	\$8.22	\$9.58	\$11.16	\$13.00	\$14.30
Loan Surcharge (All customers)	\$8.90	NA	NA	NA	NA	NA

1 – Does not include the loan surcharge of \$8.90 which will no longer be billed as of April 1, 2019



5.5 Future Recommendations

It is recommended that NCSO update the Blacklake cost of service and rates every five years to account for cost increases and operational changes. It is anticipated that any future rate studies will reflect either regionalization of Blacklake with the Town system or continued local operation of the Blacklake WRF. Any future rate studies should also review permitting and regulatory issues and the need for additional capital improvements.

NOVEMBER 14, 2018

ITEM E-1

ATTACHMENT B

Nipomo CSD

Blacklake Sewer Rate Study



November 14, 2018



LECHOWICZ + TSENG
MUNICIPAL CONSULTANTS

Alison Lechowicz
Project Manager

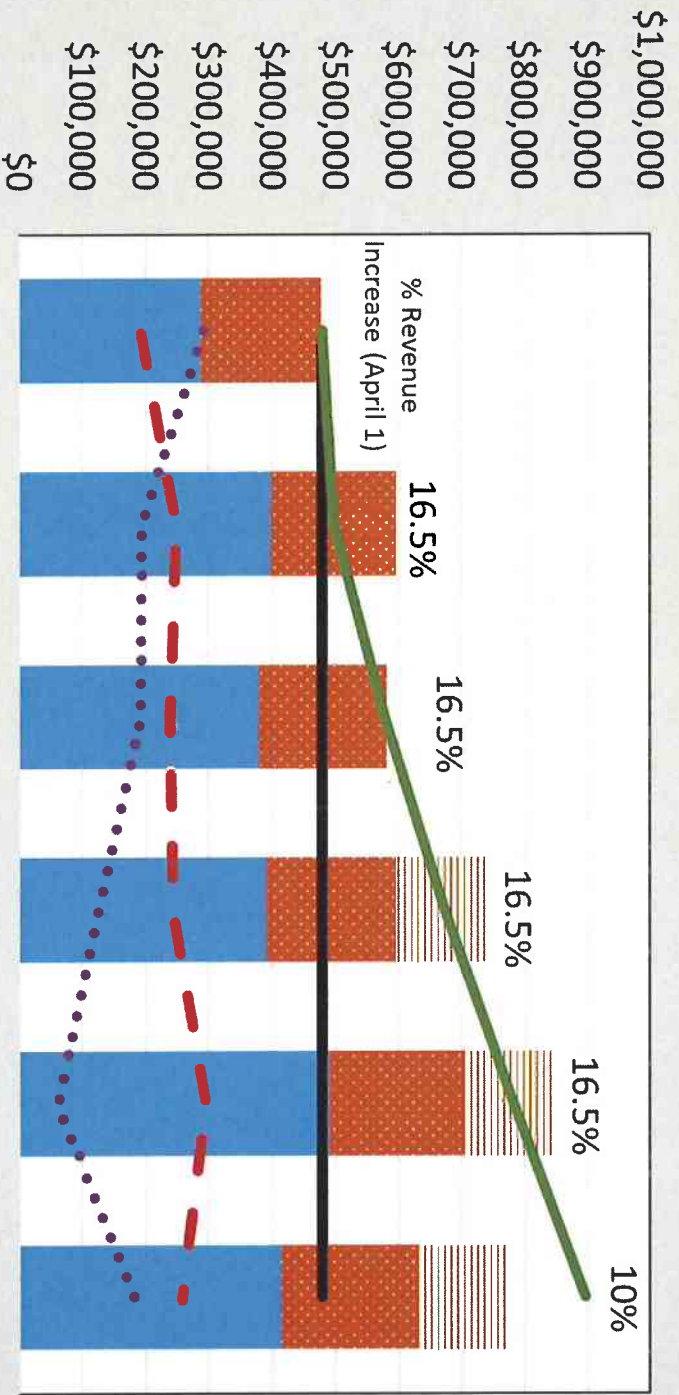
Date	Event
September 19, 2018	Ad Hoc Committee Meeting
September 20, 2018	Blacklake Oversight Committee Meeting
October 10, 2018	Board Meeting – Rate Presentation
October 24, 2018	Board Meeting – Rate Study Report
<i>October 24, 2018</i>	<i>Presentation to Blacklake Residents 3:00PM Blacklake Golf Course Clubhouse</i>
November 14, 2018	Board Meeting – Receive Final Report and initiate Proposition 218 proceedings
November 29, 2018	Date for mailing Proposition 218 notices
January 14, 2019	45 day notice period
January 23, 2019	Board Meeting – Proposition 218 Hearing
February 13, 2019	30-day waiting period
April 1, 2019	If approved, new rates effective



Proposed Rates

Customer Class	Current	Apr-19	Apr-20	Apr-21	Apr-22	Apr-23
Bi-Monthly Residential Service Charges						
Single Family	\$145.51	\$169.76	\$197.77	\$230.40	\$268.42	\$295.26
		16.7%	16.5%	16.5%	16.5%	10.0%
Multi-Family	\$95.08	\$109.08	\$127.07	\$148.04	\$172.47	\$189.72
		14.7%	16.5%	16.5%	16.5%	10.0%

Blacklake Sewer Cash Flow



- O&M
- Revenues w/o Increase
- Target Reserves
- Capital Purchase & Set-aside
- Revenues w/Increase
- Debt Service
- Operating Reserves (includes rate stabilization)

* Chart does not include interfund loan debt service or loan surcharge revenues



Outcome of Blacklake Workshop

- 80 Plus Attendees from the Public
- Active Dialogue and Q&A
- Three Main Topics of Concern and Questions (Besides Cost)
 - 1) Multi Family (Condo) Rates versus Single Family
 - 2) Regionalizing (Hook-up) Blacklake with Town Sewer System
 - 3) Trust between Blacklake and Nipomo CSD



1) Multi Family (Condo) Rates

- 68 condominium customers
- Why include a condo rate in this rate study?
 - Flow data supports a condo rate separate from the single family rate

Discharge is based on winter water use

Single family = 21 HCF per billing period

Condo = 5.2 HCF per billing period



1) Multi v. Single Family Rates

Rate	Single Family	Condo
Customer Service	\$15.80	\$15.80
Capacity (infrastructure upkeep)	\$72.55	\$72.55
Flow Charge	<u>\$81.41</u>	<u>\$20.73</u>
Total Bill	\$169.76	\$109.08

See table 16 in the rate report



2) Regionalize Sewer Systems

- Why spend \$3.5 million now on projects at Blacklake when regionalization is under consideration?
- 2017 Master Plan identifies three Categories of Projects:
 - 1) **Projects needed to keep sewer system operating for next 5 years**
 - 2) Projects to improve efficiency at the Blacklake WRF
 - 3) Projects for regionalization
- Category 1 projects are included in the rate study.
Category 2 projects are beyond the 5-year scope of this study



3) Trusting NCS D

- Blacklake sewer is an enterprise fund:
 - Separate Fund Accounting; Quarterly Financials to BLMA
 - Blacklake funds cannot be used for the benefit of any other group
 - Proposition 218 protections – costs must be reasonable and only used for the benefit of Blacklake
- Blacklake Oversight Committee is actively involved in the rate study process
 - Active in all aspects of cost evaluation: Master Plan Review, Rate Consultant Selection, Rate Study Review
 - Reviewed detailed cost data and Financial Needs Assessment of Sewer System
- All rate study information is public and available for review



Procedural Overview

- **Finalize rate recommendations and receive rate study report (Today)**
- Mail Proposition 218 notices to customers explaining proposed rates and protest procedures
 - Protests must be in writing and received by the end of the public hearing
 - If more than 50% of property owners protest, rates cannot be implemented
 - Mail notices in November (more than 45 days in advance of the public hearing)
- Hold a public hearing on January 23, 2019
- If approved, rates will go into effect April 2019
- Each year, Board will review the budget and rates (if approved). Board has the option to adopt lower rates without additional hearings.



Questions?

