



CITY COUNCIL REGULAR MEETING AGENDA MARCH 17, 2020

OPEN SESSION:

7:00 P.M.

Notice is hereby given that the City Council will hold a Regular Meeting on March 17, 2020, at the City Council Chambers, 1416 C Street, Livingston, California. Persons with disabilities who may need assistance should contact the Deputy City Clerk at least 24 hours prior to this meeting at (209) 394-8041, Ext. 121. Any writings or documents pertaining to an Open Session item provided to a majority of the members of the legislative body less than 72 hours prior to the meeting shall be made available for public inspection at Livingston City Hall, 1416 C Street. The Open Session will begin at 7:00 p.m. The agenda shall be as follows:

REGULAR MEETING

CALL TO ORDER

**Next Resolution No.: 2020-13
Next Ordinance No.: 643**

Pledge of Allegiance.

Moment of Silence – First Responders and Military Members.

Roll Call.

Changes to the Agenda.

AWARDS, PRESENTATIONS, PROCLAMATIONS

1. Presentation by Mayor Samra: Recognition of LMS Girls Basketball.
2. Presentation by Rick Soria: Livingston Cachorros Soccer Club Presentation.
3. Presentation by Karla Miller, ES Bay Unit 1 Supervisor and Brianna Lara, Environmental Scientist Bay Unit 1 from CalRecycle: SB 1383's Organic Waste Reduction Requirements Presentation.

4. Presentation by Alina Torres, Community Engagement Coordinator, California Health Collaborative: Strategies to Reduce Youth Tobacco Use in Livingston.

ANNOUNCEMENTS AND REPORTS

Supervisor Rodrigo Espinoza Announcements and Reports.

City Staff Announcements and Reports.

City Manager Announcements and Reports.

City Council Members' Announcements and Reports.

Mayor's Announcements and Reports.

PUBLIC HEARINGS

5. Resolution Approving Site Plan and Design Review 2019-07, Juan and Beatriz Padilla, Auto Body Repair and Paint Shop, 1621 Front Street, Livingston, CA, APN #: 024-151-004.
6. Ordinance of the City Council of the City of Livingston Adopting a New Rate Schedule for Water Service - Proposition 218 Hearing.
7. Resolution and Ordinance of the City Council of the City of Livingston Adopting a New Rate Schedule for Domestic Wastewater Service (Sewer Service) – Proposition 218 Public Hearing.
8. Resolution and Ordinance of the City Council of the City of Livingston Adopting a New Rate Schedule for Solid Waste Service (Garbage Service) – Proposition 218 Hearing.

CITIZEN COMMENTS

This section of the agenda allows members of the public to address the City Council on any item NOT otherwise on the agenda. Members of the public, when recognized by the Mayor, should come forward to the lectern, and identify themselves. Comments are normally limited to three (3) minutes. In accordance with State Open Meeting Laws, no action will be taken by the City Council this evening. For items which are on the agenda this evening members of the public will be provided an opportunity to address the City Council as each item is brought up for discussion.

CONSENT AGENDA

Items on the Consent Calendar are considered routine or non-controversial and will be enacted by one vote, unless separate action is requested by the City Manager or City Council Member. There will be no separate discussion of these items unless members of the City Council or City Manager request that specific items be removed.

9. Approval of Warrant Register Dated February 28, 2020.
10. Approval of Warrant Register Dated March 12, 2020
11. Approval of Minutes of Meeting Held on February 4, 2020.
12. Approval of Minutes of Meeting Held on February 18, 2020.

13. Resolution of the City Council of the City of Livingston Approving the Sale of Property Near the Intersection of West Hammatt Ave and North of "F" Street and Ratifying Compliance with Surplus Lands Act.
14. Approve an Interlocal Contract for Cooperative Purchasing with OMNIA Partners for the purchase of Goods and Services in accordance with all applicable Federal, State and Local rules, regulations and ordinances.

DISCUSSION AND POTENTIAL ACTION ITEMS

15. Resolution Accepting the Proposal Submitted by Adams Ashby Group to Provide Grant Services Related to the Housing Components to the Home Investment Partnership Program (HOME), the State Community Development Block Grant (CDBG) Program and CalHOME housing Rehabilitation Program, Awarding a Professional Services Contract to Adams Ashby Group and Authorizing the City Manager to Execute an Agreement for Professional Services in a Form Approved by the City Attorney.
16. Appointment of 3 Parks Recreation and Arts Commissioners and 1 Alternate Commissioner.

ADJOURNMENT

STAFF REPORT

AGENDA ITEM: Public Hearing – Resolution Approving Site Plan and Design Review 2019-07, Beatriz and Juan Padilla, Auto Body Repair and Paint Shop, 1621 Front Street; APN#: 024-151-004.

MEETING DATE: March 17, 2020

PREPARED BY: Randy Hatch, Contract City Planner

REVIEWED BY: Jose Antonio Ramirez, City Manager

RECOMMENDATION:

Council adopt a Resolution approving Site Plan and Design Review 2019-07, Beatriz and Juan Padilla, Auto Body Repair and Paint Shop, 1621 Front Street; (APN#: 024-151-004).

BACKGROUND AND DISCUSSION:

This property is part of the area that recently had its General Plan designation amended from Downtown Commercial to Limited Industrial and Rezoned from DTC to M-1. The owner and applicant, Beatriz and Juan Padilla, are proposing to develop this property for an auto body shop, including auto painting. A Site Plan/Design Review Permit is required for all new construction in the City's commercial or industrial zones. A Site Plan/Design Review Permit goes first to the Planning Commission for review and recommendation then on to the City Council for final approval. The Planning Commission reviewed and recommended approval of this proposal at their February 11, 2020, meeting.

The new shop will be perpendicular to Front Street with a paved lot with 5 marked parking spaces, and a 15 foot wide maneuvering and entrance area. Across the parking lot is a 2210 sq. ft. building which contains an office, waiting area, a bathroom, a work bay, open area, and storage along the back and front wall. The proposed building will connect to existing water, wastewater, storm drain, electrical, gas and communication utilities from the surrounding area.

The building proposed to be constructed is single story, 14 feet high, composed of metal corrugated style material in a dark gray color (muted ebony). A single roll-up metal door and a single man-door are provided on the front (west) elevation in a medium gray color (almost charcoal). The roof is flat. A 5-foot wide projection or porch extends at the top of the front elevation for interest and architectural definition and also to provide for some shade. The projection/porch is in a light gray color (city storm). Two areas of landscaping are proposed at either side of the entrance driveway.

This proposal was referred to other City departments and agencies for comment. The City Engineer reviewed the proposal and developed a number of requirements that are included in the Conditions of Approval for the Site Plan/Design Review. Conditions of Approval regarding fire protection are also included as are a number of other standard conditions. The Planning Commission is the recommending body for a Site Plan/Design Review with the City Council being the approving body. Therefore, this proposal must go before both bodies.

ENVIRONMENTAL REVIEW:

The construction of this auto body shop business is a “project” subject to review under the California Environmental Quality Act (CEQA). Staff has reviewed this request and believes it qualifies for a Categorical Exemption; specifically, Class 32: In-fill Development Project exemption. This proposal meets the requirements for use of this categorical exemption; it is no more than 5 acres in size, surrounded by urban uses, in an area with no value as habitat for endangered or threatened species, adequately served by all required utilities and public services, and would not result in any significant effects relating to traffic, noise, air quality, or water quality. The Planning Commission endorsed this determination of coverage under a categorical exemption at their February 11, 2020, meeting.

ANALYSIS:

The property is undeveloped and is properly General Planned and Zoned for such a use. The use, as proposed and conditioned, meets the development standards of the City’s Zoning and Development Codes. The use meets the height, setback and lot coverage requirements. The parking required for an auto body shop is 2 spaces per use plus 1 space per 750 square feet of gross floor area. This calculates to 5 spaces being required and 5 spaces are provided.

The preliminary landscape plan submitted shows a 5-foot wide by 15-foot deep area for landscaping on the west side of the driveway with an almost 10-foot wide by 5-foot deep curved area along the east side of the driveway. Both these areas are proposed to be planted in lawn. The size and placement of the landscape areas, in staff’s judgement, meet the intent of the City’s landscape requirements with one exception regarding plant material. Turf is prohibited by State Standards in small and narrow strips. Therefore, a Condition of Approval is proposed to require the landscape areas on either side of the driveway to not contain turf but rather be planted in trees, shrubs, or ground covers that are drought tolerant as shown on the City’s approved plant list or as otherwise approved by staff review. Exterior lighting is addressed by commercial LED outdoor lighting that is consistent with City standards.

The City has a Design Guide applicable to all new development. Staff has compared the proposed new building’s design and colors, as described above, with the Design Guide. The overall design of the new building appears to be consistent with the Design Guide in terms of being compatible in scale with the surrounding area and providing visual interest.

PLANNING COMMISSION ACTIONS AND RECOMMENDATION:

The Planning Commission held a Public Hearing on this request for a Site Plan/Design Review on February 11, 2020. The applicant’s representative appeared at the Hearing and presented their request and answered questions from the Commission. There were no questions from the public. The Commission deliberated and expressed concern that both the customer waiting area and the work area were relatively close together in the interior of the building. After some discussion, the Planning Commission added a new Condition of Approval (Condition 10) to require a safety barrier to separate the customer area from the work area. With this added Condition, the Planning Commission recommended unanimously to the City Council approval subject to the proposed attached Conditions of Approval.

FISCAL IMPACT:

The project would increase property and sales taxes to the City and would provide additional employment opportunities and service available to the City.

RECOMMENDATION:

Staff is of the opinion that the proposed use is appropriate for the proposed location. The proposed business provides additional service options for customers in the City. This use is expected to provide additional jobs, tax revenue and economic development to the City. Staff feels the site layout and building, as proposed and as conditioned, complies with all the requirements and standards applicable. The adopted Conditions of Approval allow staff to administratively review and approve the landscaping revision, lighting, and signage as these elements of the Project are detailed during the construction phase of the Project. Staff and the Planning Commission recommend the City Council adopt the attached Resolution 2020-____, approving Site Plan and Design Review 2019-07, based on the Findings and Conditions of Approval contained in the resolution.

ATTACHMENTS:

1. Resolution 2020-____
Exhibit "A", Conditions of Approval
2. City Engineer Memo Dated 2/3/20 with Added Conditions
3. Project Location and Zoning Map
4. Proposed Site Plan
5. Proposed Floor Plan
6. Proposed Exterior Elevations

RESOLUTION 2020-

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LIVINGSTON APPROVING SITE PLAN AND DESIGN REVIEW 2019-07, BEATRIZ AND JUAN PADILLA, AUTO BODY REPAIR AND PAINT SHOP AT 1621 FRONT STREET, LIVINGSTON, CA

WHEREAS, pursuant to Livingston Municipal Code (“LMC”) section 5-6-7, Beatriz and Juan Padilla, Property Owner and Applicant, have applied for a Site Plan and Design Review approval for an Auto Body Shop, which consists of a 2,210 square foot building on a 7,500 sq. ft. lot at 1621 Front Street, (APN 024-151-004), in the City of Livingston; and

WHEREAS, the site is zoned M-1 (Limited Industrial), and has a General Plan designation of Limited Industrial according to the official zoning map of the City of Livingston and the 1999 Livingston General Plan; and

WHEREAS, LMC Section 5-6-7 requires the approval of a Site Plan and Design Review for new structures within the M-1 district to assure compatibility, harmony in appearance in neighborhoods, reduction of negative impacts of nonaesthetic development, and orderly development of the community; and

WHEREAS, a public hearing for the proposed project has been properly noticed by posting, a newspaper ad, and a mailing to adjacent properties within 300 feet or more of the site; and

WHEREAS, the Planning Commission has considered the environmental effects of the project and has determined that it qualifies for Categorical Exemption, Class 32 (In-fill Development Project), as documented in the associated staff report and proceedings of the public hearing; and

WHEREAS, Staff has reviewed the project with reference to the 1999 General Plan, the Zoning Ordinance (specifically Sections 5-6-7 “C” thru “E”) and the adopted Livingston Design Guidelines; and finds that, based on the evidence documented within the associated staff report and proceedings of the public hearing, the proposed use, its site plan and design, is consistent with the General Plan, complies with the Zoning Ordinance in that the site plan and design meets the zoning standard and requirements (including those specifically referenced above), and meets the intent and guidance of the Livingston Design Guidelines; and

WHEREAS, the City Council has reviewed and considered any and all comments on the Site Plan and Design Review made at the public hearing.

NOW, THEREFORE, BE IT RESOLVED that the Livingston City Council hereby adopts Resolution 2020-___, approving the Site Plan and Design of the subject new development.

BE IT FURTHER RESOLVED that the Conditions of Approval within the attached City Council Resolution 2020-___, Exhibit A, are hereby approved.

Passed and adopted this 17th day of March, 2020, by the following vote:

AYES:

NOES:

ABSENT:

Gurpal Samra, Mayor
of the City of Livingston

ATTEST:

I hereby certify that the foregoing resolution was regularly introduced, passed, and adopted at a regular meeting of the City Council of the City of Livingston this 17th day of March, 2020.

Antonio Silva, City Clerk
of the City of Livingston

Exhibit A
Conditions of Approval

1. The Developer shall comply with all federal, state and local laws, policies, standards and requirements applicable to this use and obtain a building permit and all other permits applicable to this use and shall pay all fees and exactions applicable to such a use; and
2. The Developer shall indemnify, defend and hold harmless the City and its officials, officers, employees, agents, and consultants from any and all legal or administrative actions or other proceedings challenging this approval or any subsequent approval associated with this project; and
3. The development of the site shall be consistent with approved plans, elevations, and colors. Provisions shall be made to accommodate bicycle parking. Minor variations from approved plans, elevations, and colors may be allowed at the review and approval of City staff; and
4. The developer and/or operator shall submit all exterior signs for Planning administrative review and approval consistent with the submitted site plan and City's signage regulations prior to obtaining a sign permit from the Building Division; and
5. The developer shall submit a revised landscape plan showing the landscape area on both the west and east sides of the entrance driveway along Front Street for Planning administrative review and approval specifying plant selection, size and irrigation. Such plants shall be drought tolerant; and
6. All exterior lighting fixtures shall be noted on an exterior lighting plan subject to staff review and approval, and such lighting shall be shielded and directed to areas on the subject property itself and shall avoid shining toward adjacent properties; and
7. The developer and/or operator shall comply with the 18 conditions listed in the Memo dated February 3, 2020, from City Engineer Mario Gouveia to Contract City Planner Randy Hatch; and
8. The Developer and/or operator shall contact and meet with Merced County Fire Marshall Rich Bohn to evaluate the Project and comply with the requirements of the Fire Department; and
9. The Developer and/or operator shall keep the site free from trash and debris and shall maintain the premises in a clean and orderly manner.
10. The developer and/or operator shall install a safety barrier to separate the customer area from the work area.

GOUVEIA ENGINEERING

MEMORANDUM

TO: Randy Hatch, Contract City Planner

FROM: Mario B. Gouveia, City Engineer

SUBJECT: Engineering Review Comments for Padilla Auto Body Shop SPDR 2019-07 Application

DATE: February 3, 2020

CC: Jose A. Ramirez, City Manager

These are the Engineering review comments for the Padilla Auto Body Shop SPDR 2019-07 application.

1. Provide improvement plans for all applicable site development, utilities, storm drainage, landscaping and irrigation, site lighting, grading and erosion control.
2. Public improvements shall conform to the latest edition of the City of Livingston Improvement Standards and all applicable State, Federal, and local laws and regulations.
3. Unless exempt, prepare a Storm Water Pollution Prevention Plan (SWPPP) for construction activities pursuant to the California Water Resources Control Board Order No. 2009-0009-DWQ, NPDES No. CA000002. If exempted from the SWPPP, Applicant shall prepare an Erosion Sediment Control Plan (ESCP) pursuant to the City of Livingston's MS4 Phase II Permit requirements for construction activities. Prepare an Erosion Control Plan as part of the improvement plans for storm water and construction BMPs.
4. Unless exempt, prepare and provide volumetric sizing calculations, low development impact (LID) measures, operation and maintenance plan (O&M), and statement of responsibility agreement for storm water management in accordance with the City of Livingston's Post-construction Standards Plan and pursuant to the City's Phase II. MS4 Permit requirements.
5. Unless exempt, prepare a Dust Control Plan (DCP) and file the Plan with the San Joaquin Valley Air Pollution Control District for construction activities pursuant to Regulation VIII (Rules 8011-8081).
6. Provide a soils report for project site prepared by a California registered geotechnical engineer.
7. Prepare grading and encroachment permits for the project. Applicant shall pay the permit fee, plan check and inspection fees, and furnish improvement securities pursuant to the City's improvement standards, municipal code, and ordinances.
8. Applicant shall pay all applicable development impact fees for Municipal Facilities, Police, Fire Protection, Streets and Bridges, Water, Domestic Wastewater, Storm Drainage, and Parks.
9. Connect to the existing 8-inch water main on the alley across Front Street from project site for all proposed domestic, irrigation, and fire connections. Connections shall include water meters, backflow preventers, post indicator valves, and fire department connection as applicable.
10. Connect to the existing 8-inch sewer main on Front Street, that is line with the alley opposite from the project site, for sanitary service and trash enclosure floor drain.

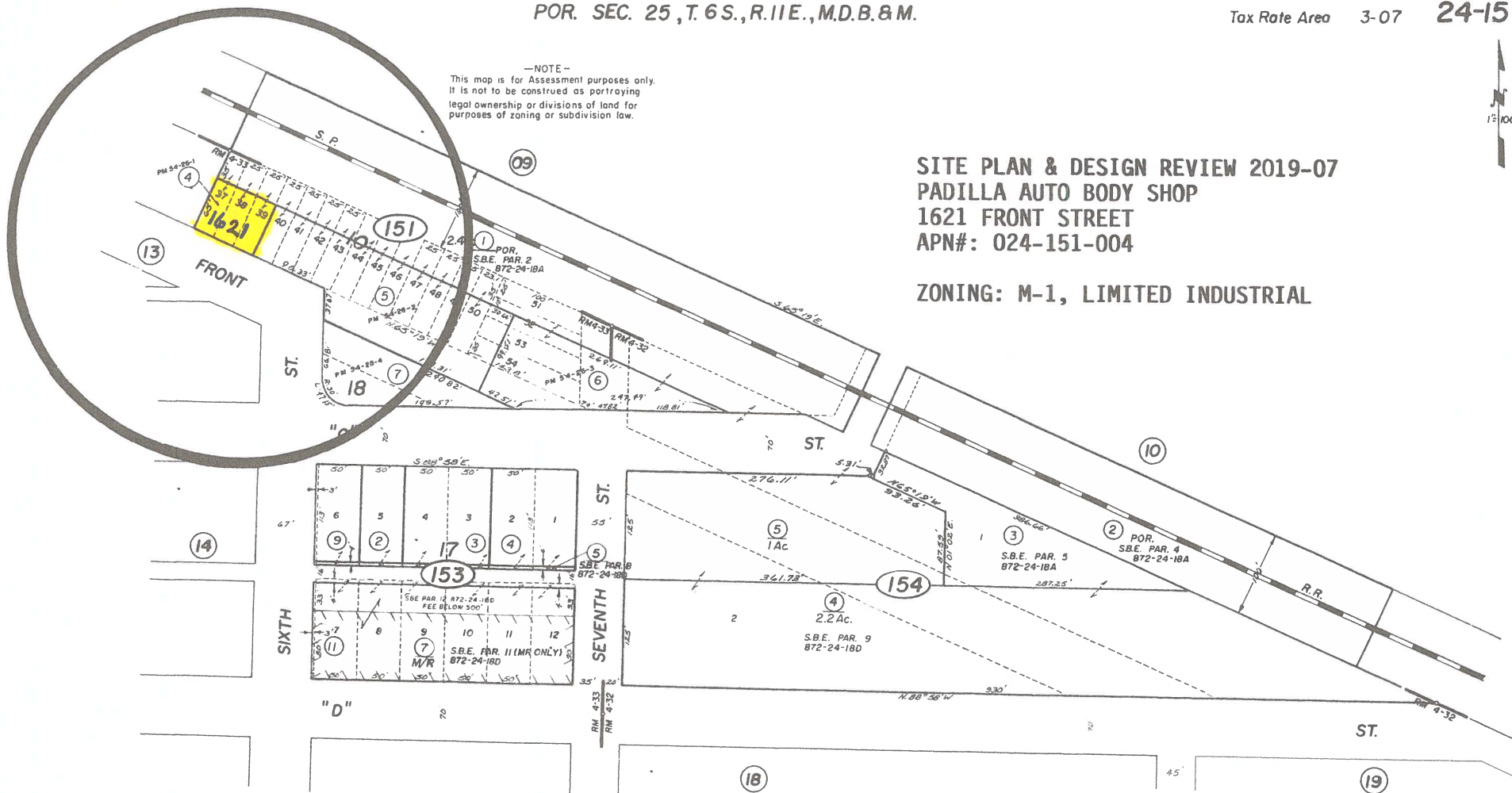
11. Storm runoff shall be discharged to a new on-site drywell or routed to Front Street through the sidewalk per city standards.
12. Construct all on-site improvements at the property line/right of way line (approx. existing fence line) and provide landscaping or ground cover between the back of sidewalk and property line as required by the City Planner.
13. Provide on-site and off-site ADA accessible path for pedestrians and bicyclists.
14. Protect from damage all existing street improvements designated to remain in place.
15. Building floor drain connections to the sanitary sewer and storm drain system are prohibited.
16. Provide trash enclosure as approved by the City Planner and access as approved by Gilton Solid Waste Management.
17. Construct all proposed connections for dry utilities underground.
18. Remove and reconstruct driveway approach on Front Street per Standard Detail D-1 of the City of Livingston Improvement Standards for ADA compliance.

—NOTE—
This map is for Assessment purposes only.
It is not to be construed as portraying
legal ownership or divisions of land for
purposes of zoning or subdivision law.



SITE PLAN & DESIGN REVIEW 2019-07
PADILLA AUTO BODY SHOP
1621 FRONT STREET
APN#: 024-151-004

ZONING: M-1, LIMITED INDUSTRIAL

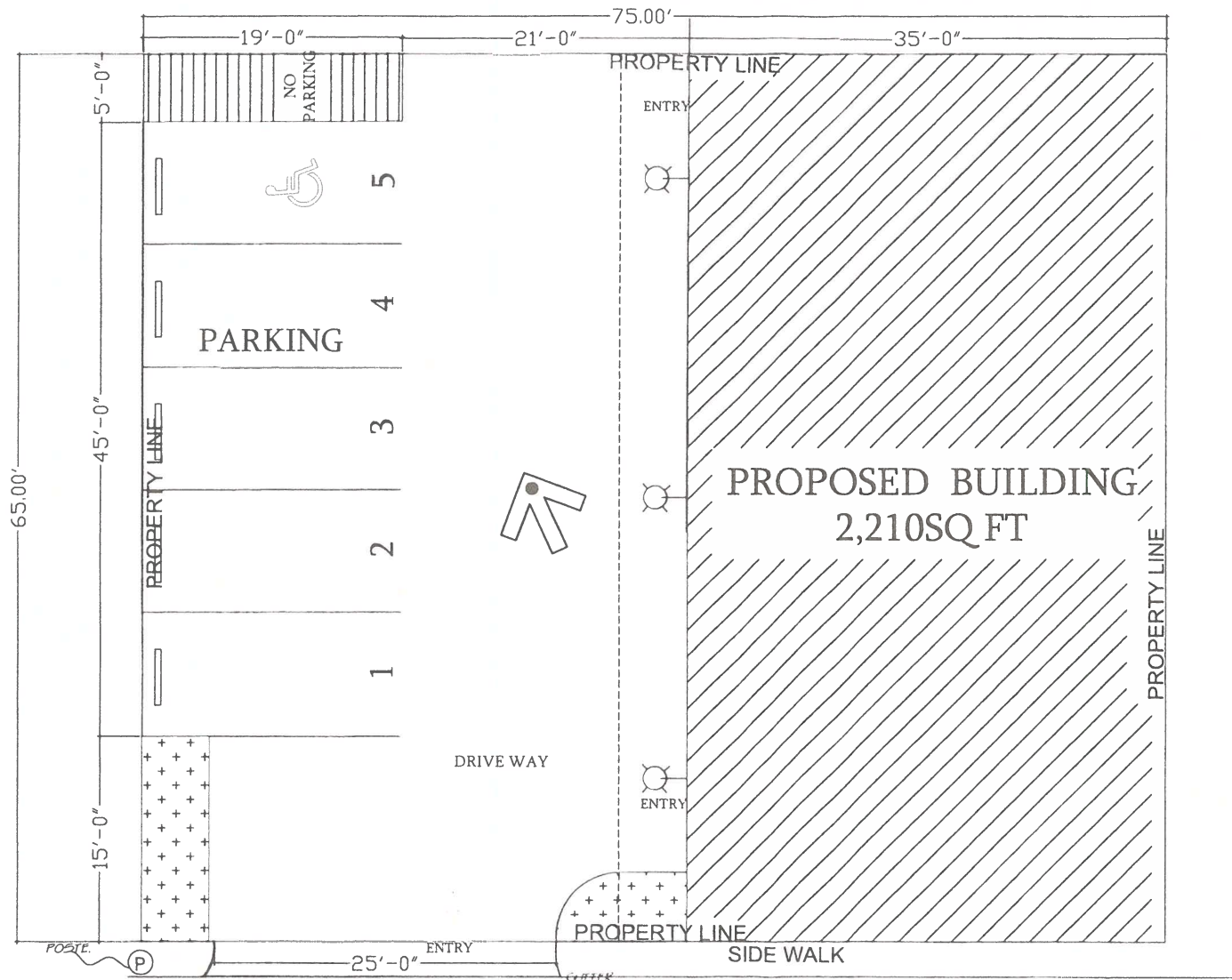


REDRAWN 10/74
REVISED 3/78

Livingston Realty Co's. Add., R.M. Vol. 4, Pg. 33
Livingston Realty Co's. Sub., R.M. Vol. 4, Pg. 32

Assessor's Map Bk. 24 -Pg. 15
County of Merced, Calif.
1974

NOTE—Assessor's Block Numbers Shown in Ellipses
Assessor's Parcel Numbers Shown in Circles



THIS PROJECT WILL CONFORM TO THE
 2016 California Building & Safety Codes
 2016 Calif. Residential Code (CRC)
 2016 Calif. Electrical Code (CEC)
 2016 Calif. Plumbing Code (CPC)
 2016 Calif. Mechanical Code (CMC)
 2016 Calif. Fire Code (CFC)
 2016 Calif. Energy Code

RECEIVED
 DEC 26 2019
 PLANNING

INDEX OF DRAWINGS	
1.	PLOT PLAN
2.	FLOOR PLAN
3.	ELEVATION PLAN

THIS PROJECT CONSIST:
NEW BUILDING TO AUTO REPAIR
SHOP WITH 1 OFFICE 120.00 SQ. FT.
WAITING AREA 160.00 SQ. FT.
1 BATHROOM 64.00 SQ. FT.
Total= 2,210.00 Sq Ft

NOTE:
 Commercial LED
 Outdoor Lighting Motion
 Sensor 50w
 LED Flood Light
 Reflector

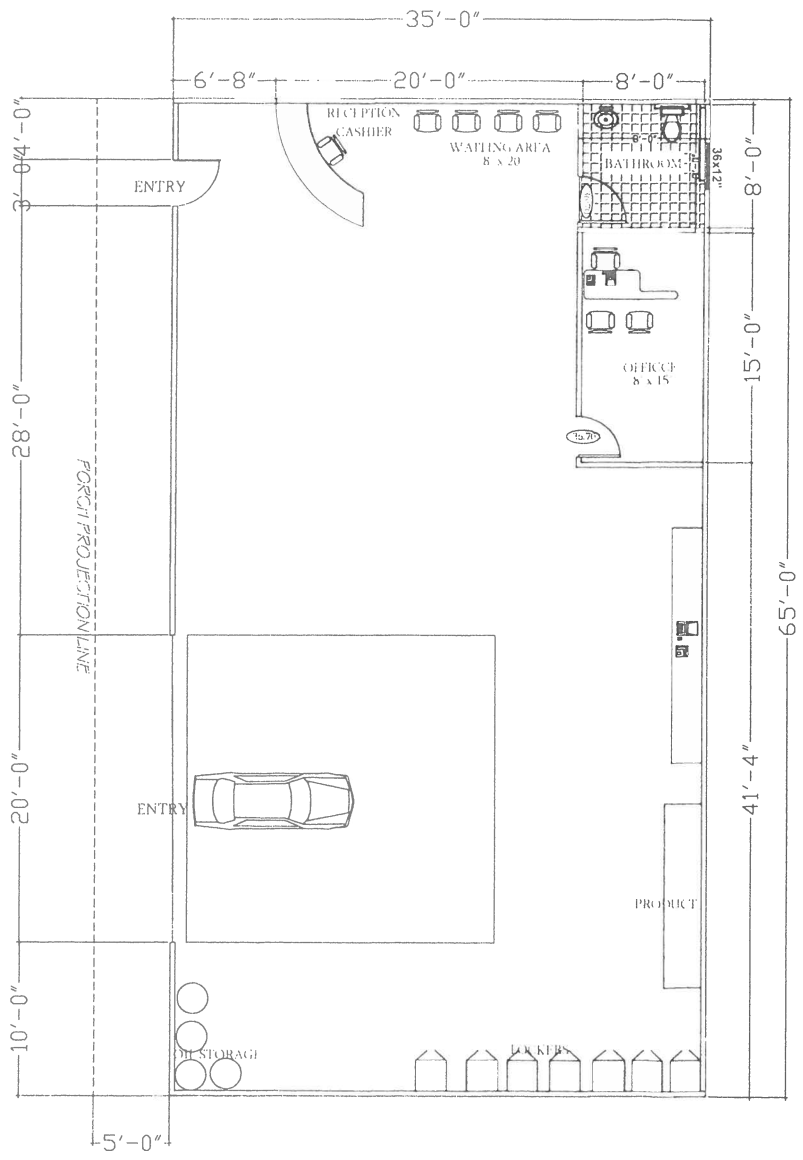
 LAWN

PROJECT: AUTO REPAIR SHOP	
ADDRESS: 1621 Front St Livingston, CA 95334	
OWNER'S: JUAN PADILLA 209-241-4488	
SHEETS: 1 OF 3	DATE: DEC / 2019
TAX LOT No. APN: 024-151-004-00	
SHEET: 01	SCALE: 1/8" = 1'- 0"
OF 3 SHTS.	DRAWN BY: JULIANPEN@GMAIL.COM

PLOT PLAN
 SCALE 1/8" = 1'- 0"

FRONT ST.

Guadalupe Chavez DECEMBER 2019
 Signature. Date



FLOOR PLAN

SCALE 1/8" = 1'-0"



NORTH .

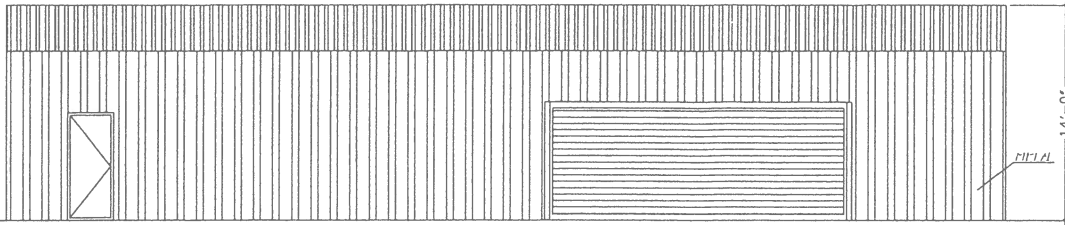
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THIS PROJECT CONSIST:
NEW BUILDING TO AUTO REPAIR
SHOP WITH 1 OFFICE 120.00 SQ. FT.
WAITING AREA 160.00 SQ. FT.
1 BATHROOM 64.00 SQ. FT.
Total= 2,210.00 Sq Ft

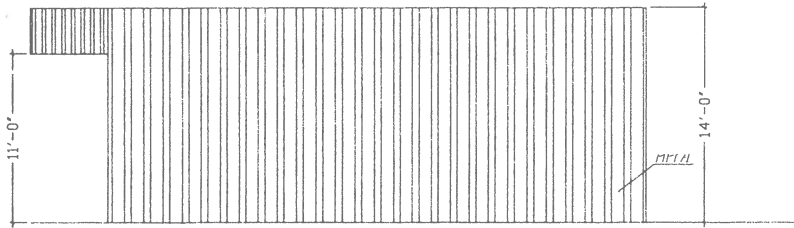
NOTE:
Commercial LED Outdoor
Lighting Motion Sensor 50w
LED Flood Light Reflector
Exterior Color: Gray
Access Door : Single Steel
Security Door with Hardware
Access Door for Garage :
Industrial Metal Garage
Roll Up Door

PROJECT: AUTO REPAIR SHOP	
ADDRESS: 1621 Front St Livingston, CA 95334	
OWNER'S: JUAN PADILLA 209-241-4468	
SHEETS: 2 OF 3	DATE: DEC / 2019
TAX LOT No. APN: 024-151-004-00	
SHEET: 02	SCALE: 1/8" = 1'-0"
DRAWN: 3205 Nottingham Ave Merced CA, 95340, 209 947 5091 JULIANPEN@GMAIL.COM	
OF 3 SHTS.	

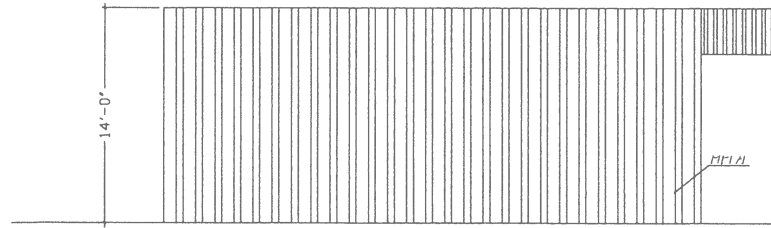
Guadalupe Chavez DECEMBER 2019
 Signature. Date



FRONT ELEVATION
SCALE 1/8" = 1' - 0"



RIGHT ELEVATION
SCALE 1/8" = 1' - 0"



LEFT ELEVATION
SCALE 1/8" = 1' - 0"

ELEVATION PLAN
SCALE 1/8" = 1' - 0"

Exterior Color: Gray

PROJECT: AUTO REPAIR SHOP	
ADDRESS: 1621 Front St Livingston, CA 95334	
OWNER'S: JUAN PADILLA 209-241-4468	
SHEETS: 3 OF 3	DATE: DEC / 2019
TAX LOT No. APN: 024-151-004-00	
SHEET: 03	SCALE: 1/8" = 1' - 0"
DESIGN BY:	
DRAWN: 3205 Nottingham Ave Fresno CA 95340 209 947 5091 JULIATIPEN@GMAIL.COM	
OF 3 SHTS.	

Guadalupe Chavez DECEMBER 2019
Signature. Date

STAFF REPORT

AGENDA ITEM: AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LIVINGSTON ADOPTING A NEW RATE SCHEDULE FOR WATER SERVICE – PROPOSITION 218 HEARING

MEETING DATE: March 17, 2020

PREPARED BY: Vanessa L. Portillo, Finance Director
Catherine Hansford, Consultant

REVIEWED BY: Jose Antonio Ramirez, City Manager

RECOMMENDATION:

Staff recommends that the City Council take the following actions:

1. Open Public Hearing;
2. Close Public Hearing and determine whether a majority protest exists. If no majority protest exists, continue to recommendation 3 below; and
3. Waive first reading and introduce Ordinance No. ____, adopting a New Rate Schedule for Water Service, effective May 7, 2020.

BACKGROUND:

In 1996, California voters approved Proposition 218, the “Right to Vote on Taxes Act,” which added Articles XI11C and XI11D to the California Constitution. Since its adoption, various court cases in 2005 and 2006, most notably *Bighorn-Desert View Water Agency v. Verjil*; *Richmond v. Shasta Community Services District*; and the *Howard Jarvis Taxpayers Association v. City of Fresno*, extended the application of Proposition 218 from general taxes and assessments to utility user fees provided by public agencies (i.e., sewer, water, and waste collection, etc.).

The City hired Hansford Economic Consulting on February 5, 2019 to perform utility rate studies on the City’s enterprise funds; water, wastewater, and solid waste/sanitation. After thorough analysis, reviews, discussions, and input from various groups including, but not limited to, the following; staff, Stakeholders’ Committee, City Council, the public, engineering firms, and other consultants, the City Council authorized staff on January 31, 2020, to conduct a Proposition 218 process and establish a public hearing date for consideration of increased fees charged for wastewater service.

Final Utility Rate Study reports were translated into Spanish and Punjabi, and were made available on City’s website for public access and review.

Proposition 218 (Article XI11D of the California Constitution) required notification to affected property owners at least 45 days prior to the scheduled hearing. Staff sent property owners and affected tenants such notice.

The City held three (3) public workshops (February 25th, March 5th, and March 12th of 2020) regarding the proposed water rate increase; one workshop was conducted in English, one in Spanish, and one in Punjabi.

Protest ballots are accepted up to the conclusion of the public hearing. At the conclusion of the public hearing, the protest ballots will be tabulated and presented to the City Council. If a majority of the owners of parcels on which the fee is imposed protest, the proposed new wastewater fees and charges cannot be adopted.

ANALYSIS

REASON FOR INCREASE IN RATES:

The water rates increase is proposed to:

1. Install identified capital improvements that will improve water quality.
2. Provide a reliable and safe operating water system.
3. Fully fund the operating costs of the system leaving more funding available for other essential City services.

Projected Five-Year Water Rate Schedule

Charges	Current	Jan-20	Jan-21	Jan-22	Jan-23	Jan-24	Jan-25
Base Charge	Inside City *						
1" and smaller	\$25.13	\$28.31	\$29.32	\$30.37	\$31.46	\$32.59	\$33.77
1.5"	\$50.27	\$56.62	\$58.65	\$60.75	\$62.93	\$65.19	\$67.53
2"	\$80.43	\$90.59	\$93.83	\$97.20	\$100.68	\$104.30	\$108.05
3"	\$175.94	\$198.17	\$205.26	\$212.62	\$220.24	\$228.15	\$236.36
4"	\$301.61	\$339.72	\$351.88	\$364.48	\$377.56	\$391.12	\$405.18
6"	\$628.35	\$707.74	\$733.07	\$759.34	\$786.58	\$814.83	\$844.13
8"	\$1,206.43	\$1,358.87	\$1,407.50	\$1,457.93	\$1,510.24	\$1,564.48	\$1,620.73
10"	\$1,910.18	\$2,151.54	\$2,228.54	\$2,308.40	\$2,391.21	\$2,477.09	\$2,566.16
Meter Fee							
1" and smaller	\$3.05	\$3.21	\$3.31	\$3.41	\$3.51	\$3.62	\$3.72
1.5"	\$11.11	\$7.57	\$7.80	\$8.04	\$8.28	\$8.52	\$8.78
2"	\$12.13	\$14.46	\$14.90	\$15.35	\$15.81	\$16.28	\$16.77
3"	\$25.74	\$18.05	\$18.59	\$19.15	\$19.72	\$20.31	\$20.92
4"	\$40.61	\$42.72	\$44.01	\$45.33	\$46.69	\$48.09	\$49.53
6"	\$56.33	\$73.83	\$76.04	\$78.32	\$80.67	\$83.09	\$85.59
8"	\$89.50	\$120.38	\$123.99	\$127.71	\$131.54	\$135.49	\$139.55
10"	\$204.51	\$155.35	\$160.01	\$164.81	\$169.76	\$174.85	\$180.10
Service Charge Monthly Water Allowance							
Attached Residential (per Unit)	10,000	gallons					
Detached Residential (per Unit)	25,000	gallons					
Non-Residential (per Meter)	35,000	gallons					
Consumption Charge per 1,000 gallons of water in excess of allowance each month							
All Customers	\$1.57	\$1.61	\$1.68	\$1.75	\$1.82	\$1.89	\$1.97
Construction Water	\$1.17	\$1.75	\$1.82	\$1.89	\$1.97	\$2.05	\$2.13

Source: City of Livingston and 2019 HEC rate study.

sched

* Water rate schedules 1.5x outside City limits.

VOTING REQUIREMENTS

During the last increase in 2014, given a previous Merced Superior Court case involving the increase of water rates required that the Ordinance be adopted by two-thirds of the City Council, the Council in 2014 agreed that all increases should receive the two-thirds vote. There is an argument regarding this vote requirement and the adoption process that the Court required, however; the Council in 2014 expressed its wishes to hold itself to a high standard and only impose higher rates that are adequate and that most of the City Council agrees on. **The attached Ordinance will require a two-thirds vote.**

FISCAL IMPACT

Sufficient levels of funding/revenues to cover ongoing operational costs including Capital Improvement Projects outlined in utility rate study.

ATTACHMENTS

1. Ordinance No. ____, adopting a New Rate Schedule for Water Service, effective May 7, 2020.
2. Proposed Water Rate Schedule – Exhibit A
3. Utility Rate Study Report

3495495.1

ORDINANCE NO. ____

**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LIVINGSTON
ADOPTING A NEW RATE SCHEDULE FOR WATER SERVICE,
EFFECTIVE MAY 7, 2020**

WHEREAS, the City of Livingston (the “City”) provides water services to its residents; and

WHEREAS, the City charges customers of this utility a charge to fund the on-going operation and maintenance of the water services; and

WHEREAS, Chapter 9-5 entitled “Water Service Regulations” of the Livingston Municipal Code provides for the establishment and operation of a water system and the imposition and collection of certain fees and charges from recipients of water services; and

WHEREAS, water services provided by the City include, but are not limited to, collecting, pumping, treating, storing, and distributing water obtained from City wells; and

WHEREAS, Section 9-5-27 of the Livingston Municipal Code provides for the setting of water charges, fee, and assessments by resolution or ordinance; and

WHEREAS, Chapter 9-5 of the Livingston Municipal Code addresses various aspects of the City water service and requirements governing its use, including applications for service, deposits, meter installation and use, charges, meter readings, billing, discontinuance of service, and unpaid accounts, including provisions in Section 9-5-27, paragraph (D) of the Livingston Municipal Code establishing that all unpaid accounts for water delivered at any premises “shall constitute a lien against the same and shall be subject to collection all as provided by the Revenue Bond Law of 1941;” and

WHEREAS, the City of Livingston determined to undertake a rate study to analyze the revenue requirements and the rate structure that should be adopted to proportionately allocate the costs of providing water service to its water customers. The rate study was prepared by Hansford Economic Consulting Inc., and has been on file at Livingston City Hall since the notices to property owners and customers were sent out on January 31, 2020; and

WHEREAS, charges for local agency water service have been held to be “property related fees or charges” subject to the requirements of Article XIID of the California Constitution, also known as Proposition 218, pursuant to the holding in *Bighorn-Desert View Water Agency v. Verjil* (2006) 39 C4th 205; and

WHEREAS, Section 6 of Article XIID of the California Constitution provides that imposing or increasing any property related fee or charge requires identifying the parcels on which the fee or charge will be imposed, and providing notice by mail of the proposed fee or charge to the record owner of each identified parcel indicating the amount of the fee or charge to be imposed on each parcel, the basis on which the amount of the proposed fee or charge was calculated, the reason for the fee or charge, and the date, time and location of a public hearing on the proposed fee or charge; and

WHEREAS, Section 53756 of the California Government Code provides that agencies providing water and sewer service may adopt a schedule of fees or charges authorizing automatic adjustments that pass through increases in wholesale charges for water, sewage treatment, or wastewater treatment or inflation adjustments, subject to requirements specified in that section; and

WHEREAS, Section 6 of Article XIII D of the California Constitution further provides that hearings on proposed property-related fees or charges must be conducted at least forty-five (45) days after mailed notice to the owners of each identified parcel on which the fee or charge is proposed to be imposed, and that at the hearing, the local agency must consider all protests against the proposed fee or charge, and that if written protests against the proposed fee or charge are presented by a majority of owners of the identified parcels, the agency shall not impose the fee or charge; and

WHEREAS, the City Council directed that notice of a hearing (“Hearing”) thereon be given to the property owners and tenants in the City, with such notice to include, among other matters, the information required to be included pursuant to California Constitution Article XIII D section 6; and

WHEREAS, such notice has been mailed to those persons, at least forty-five (45) days before the Hearing; and

WHEREAS, the Revenue Bond Law of 1941, codified in section 54300 and following of the California Government Code, includes provisions that provide for the enforcement and collection of amounts due for utility services, subject to notice requirements that apply when delinquent charges are made a lien on the property that received the services; and

WHEREAS, Section 54354.5 of the California Government Code prescribes that adoption of local agency resolutions or ordinances revising charges for utility services subject to the imposition of liens under the Revenue Bond Law and follow the notice and a hearing in accordance with that section, including publication of notice of the time and place of a hearing on the proposed resolution or ordinance specifying that any interested person, including all persons owning property in the jurisdiction of the local agency, may appear and be heard on any matter relating to the proposed ordinance or the proposed rates or charges; and

WHEREAS, the notice required under Government Code section 54354.5 must be published at least once each week for two (2) weeks prior to the hearing in a newspaper published within the local agency jurisdiction, with the first publication occurring at least fifteen (15) days prior to the hearing; and

WHEREAS, such notice has been published once each week for two (2) weeks, in accordance with Government Code section 54354.5, in the Merced Sun-Star on _____, 2020 and _____, 2020, as evidenced by Proofs of Publication on file with the City Clerk, prior to the public hearing held for this Ordinance; and

WHEREAS, City staff has worked closely with a Stakeholders’ Committee, a Committee formed by the City Council, made up of two (2) Council Members and members of the community, to analyze the City’s water service needs and draft rate studies; and

WHEREAS, the City held several workshops to inform the public of the proposed water service rates; and

WHEREAS, the City held workshops regarding the utility rate study in English, Spanish, and Punjabi. The workshops were held in the City Council Chambers as follows: February 25, 2020, March 5, 2020 and March 12, 2020; and

WHEREAS, the Hearing was held March 17, 2020; and

WHEREAS, at the Hearing, the City Council heard and considered all oral testimony, written materials, and written protests concerning the establishment and imposition of the proposed rate increases to the Water Service Rates; and

WHEREAS, upon close of the Hearing, the City did not receive written protests against the establishment and imposition of the proposed rate increases to the Water Service Rates from a majority of the affected property owners and tenants directly liable for the payment of the Water Service Rates; and

WHEREAS, the proposed water service rates are not discriminatory or excessive, are sufficient under Government Code section 54515, comply with the provisions or covenants of any outstanding revenue bonds of the City payable from the revenues of the water enterprise, comply with the provisions of Title 5, Division 2, Part 1, Chapter 6 of the Government Code, and are in compliance with all other applicable law; and

WHEREAS, the revenues derived from the proposed Water Service Rates will not exceed the funds required to provide the water services and shall be used exclusively for the water service system; and

WHEREAS, the amount of the proposed water service rates will not exceed the proportional cost of the service attributable to each parcel upon which they are proposed for imposition; and

WHEREAS, the proposed water service rates will not be imposed on a parcel unless the water services are actually used by, or immediately available to, the owner of the parcel; and

WHEREAS, this Ordinance shall supersede all other previous resolutions and/or ordinances that may conflict with, or be contrary to, this Ordinance respecting the Water Service Rates described more particularly herein.

THE CITY COUNCIL OF THE CITY OF LIVINGSTON DOES ORDAIN AS FOLLOWS:

SECTION 1. RECITALS

The foregoing recitals are true and correct and made a part of this Ordinance.

SECTION 2. WATER SERVICE RATES ADJUSTMENT – LEVY OF CHARGES

The City Council considered the rate scenario and, after deliberation, chose to adopt the new rates, effective May 7, 2020.

Pursuant to Title 5, Division 2, Part 1, Chapter 6 of the Government Code (“Revenue Bond Law”), the City’s police power, and Title 9, Chapter 5, section 9-5-27 of the Livingston Municipal Code, the increased Water Service Rates as attached hereto as **Exhibit A** are hereby approved.

SECTION 3. DELINQUENT CHARGES CONSTITUTE A LIEN

Delinquent charges and penalties when recorded in accordance with the provisions of the Revenue Bond Law shall constitute a lien upon the real property served.

SECTION 4. CEQA

The City Council hereby finds that the levy of the proposed water service rates as supported by a water rate study prepared by Hansford Economic Consulting Inc. (which is incorporated herein by reference), is exempt from CEQA review under Public Resources Code section 21080(b)(8) and CEQA Guidelines section 15273 because the proposed water service rates are necessary and reasonable to fund the administration, operation, maintenance, and improvements of the City’s water system, are necessary to maintain service within the City’s existing service area, and will not result in expansion of the system. The City Council further finds that the action entails the creation of a government funding mechanism which is exempt from CEQA as not being a “project” pursuant to CEQA guidelines section 15378. The City Council authorizes the City Clerk to file a notice of exemption with the County Clerk to that effect.

SECTION 5. GENERAL AUTHORIZATION

The City Manager is hereby authorized and directed, for and in the name of and on behalf of the City, to execute and deliver any and all documents, to do any and all things and take any and all actions that may be necessary or advisable, in their discretion, in order to effect the purposes of this Ordinance. All actions heretofore taken by officers, employees, and agents of the City that are in conformity with the purposes and intent of this resolution are hereby approved, confirmed, and ratified.

SECTION 6. SEVERABILITY

If any provision of this Ordinance or the application thereof to any person or circumstance, is held invalid, the remainder of the Ordinance, including the application of such part or provision to other persons or circumstances shall not be affected thereby and shall continue in full force and effect. To this end, provisions of this Ordinance are severable. The City Council hereby declares that it would have passed each section, subsection, subdivision, paragraph, sentence, clause, or phrase hereof irrespective of the fact that any one or more sections, subsections, subdivisions, paragraphs, sentences, clauses, or phrases be held unconstitutional, invalid, or unenforceable.

SECTION 7. SUPERSESSON/REPEAL

Ordinance No. 614 adopted June 3, 2014, and any and all other resolutions or ordinances and parts thereof in conflict with the provisions of this Ordinance are superseded and repealed, effective on the effective date of this Ordinance. However, violations, rights accrued, liabilities accrued, or appeals taken, prior to the effective date of this Ordinance, under any chapter, ordinance, or part of an ordinance, or resolution or part of a resolution, shall be deemed to remain in full force for the purpose of sustaining any proper suit, action, or other proceedings, with respect to any such violation, right, liability or appeal.

SECTION 8. EFFECTIVE DATE

This Ordinance shall become effective thirty (30) days after its final passage and adoption. The increased Water Service Rates, as attached hereto as **Exhibit A**, shall become effective on May 7, 2020.

Introduced: March 17, 2020

Passed and Adopted:

Gurpal Samra, Mayor
of the City of Livingston

ATTEST:

State of California)
County of Merced)
City of Livingston)

I, hereby certify that the foregoing Ordinance was duly introduced at a Regular Meeting of the City Council of the City of Livingston on the 17th day of March, 2020, and was passed and adopted at a Regular Meeting of the City Council of the City of Livingston this ____ day of ____, 2020, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ANTONIO SILVA, City Clerk
of the City of Livingston

3492726.4

Exhibit A

Total calculated rates include the fixed monthly service charges, meter replacement fees, and consumption charges. The calculated water rate schedule is provided in **Table 10** below.

Table 10
Calculated New Water Rates Schedule

Charges	Current	Jan-20	Jan-21	Jan-22	Jan-23	Jan-24	Jan-25
Base Charge	Inside City *						
1" and smaller	\$25.13	\$28.31	\$29.32	\$30.37	\$31.46	\$32.59	\$33.77
1.5"	\$50.27	\$56.62	\$58.65	\$60.75	\$62.93	\$65.19	\$67.53
2"	\$80.43	\$90.59	\$93.83	\$97.20	\$100.68	\$104.30	\$108.05
3"	\$175.94	\$198.17	\$205.26	\$212.62	\$220.24	\$228.15	\$236.36
4"	\$301.61	\$339.72	\$351.88	\$364.48	\$377.56	\$391.12	\$405.18
6"	\$628.35	\$707.74	\$733.07	\$759.34	\$786.58	\$814.83	\$844.13
8"	\$1,206.43	\$1,358.87	\$1,407.50	\$1,457.93	\$1,510.24	\$1,564.48	\$1,620.73
10"	\$1,910.18	\$2,151.54	\$2,228.54	\$2,308.40	\$2,391.21	\$2,477.09	\$2,566.16
Meter Fee							
1" and smaller	\$3.05	\$3.21	\$3.31	\$3.41	\$3.51	\$3.62	\$3.72
1.5"	\$11.11	\$7.57	\$7.80	\$8.04	\$8.28	\$8.52	\$8.78
2"	\$12.13	\$14.46	\$14.90	\$15.35	\$15.81	\$16.28	\$16.77
3"	\$25.74	\$18.05	\$18.59	\$19.15	\$19.72	\$20.31	\$20.92
4"	\$40.61	\$42.72	\$44.01	\$45.33	\$46.69	\$48.09	\$49.53
6"	\$56.33	\$73.83	\$76.04	\$78.32	\$80.67	\$83.09	\$85.59
8"	\$89.50	\$120.38	\$123.99	\$127.71	\$131.54	\$135.49	\$139.55
10"	\$204.51	\$155.35	\$160.01	\$164.81	\$169.76	\$174.85	\$180.10
Service Charge Monthly Water Allowance							
Attached Residential (per Unit)	10,000	gallons					
Detached Residential (per Unit)	25,000	gallons					
Non-Residential (per Meter)	35,000	gallons					
Consumption Charge per 1,000 gallons of water in excess of allowance each month							
All Customers	\$1.57	\$1.61	\$1.68	\$1.75	\$1.82	\$1.89	\$1.97
Construction Water	\$1.17	\$1.75	\$1.82	\$1.89	\$1.97	\$2.05	\$2.13

Source: City of Livingston and 2019 HEC rate study.

sched

* Water rate schedules 1.5x outside City limits.

In compliance with California SB-7, which requires all new multi-family residential development to be individually metered or sub-metered, any newly constructed units will pay the same base rate per unit as all current detached residential units unless the owner of the building(s) sub-meters each unit and performs its own internal water billing of each unit.

Exhibit B

HANSFORD
ECONOMIC CONSULTING

City of Livingston

**Water, Wastewater and
Solid Waste Rate Study**

FINAL DRAFT

November 14, 2019

HEC No. 190294

The following report was prepared by Hansford Economic Consulting LLC.

The analyses and findings contained within this report are based on primary data provided by the City of Livingston, as well as additional secondary sources of data available as of the date of this report. Updates to information used in this report could change or invalidate the findings contained herein. While it is believed that the primary and secondary sources of information are accurate, this is not guaranteed.

Every reasonable effort has been made in order that the data contained in this study reflect the most accurate and timely information possible. No responsibility is assumed for inaccuracies in reporting by the client, its consultants and representatives, or any other data source used in the preparation of this study. No warranty or representation is made that any of the projected values or results contained in this study will actually be achieved. There will usually be differences between forecasted or projected results and actual results due to changes in events and circumstances.

Changes in economic and social conditions due to events including, but not limited to, major recessions, droughts, major environmental problems or disasters that would negatively affect operations, expenses and revenues may affect the result of the findings in this study. In addition, other factors not considered in the study may influence actual results. Any applications for financing, or bond sales analyses, should re-evaluate the financial health and projection of revenues and expenses at the time of the application or preparation for bond sale.

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Section 1: INTRODUCTION AND SUMMARY OF FINDINGS

1.1 PURPOSE OF THE STUDY

The City of Livingston (City) provides three utility services to the residents and businesses of the City; water, wastewater, and solid waste. The purpose of this Utilities Rate Study (Study) is to determine the level of funding required over the next five years to adequately fund each of the utility systems and to determine a schedule of monthly property-related fees to support that level of funding.

This report provides an explanation and justification of the calculated utility rates for the next five years and it documents adherence to the law regarding setting of rates by a municipality. Per California Constitution Article 13D, these types of utility rates shall not be extended, imposed, or increased by any agency unless it meets all of the following requirements:

- (1) Revenues derived from the fee or charge shall not exceed the funds required to provide the property related service.
- (2) Revenues derived from the fee or charge shall not be used for any purpose other than that for which the fee or charge was imposed.
- (3) The amount of a fee or charge imposed upon any parcel or person as an incident of property ownership shall not exceed the proportional cost of the service attributable to the parcel.
- (4) No fee or charge may be imposed for a service unless that service is actually used by, or immediately available to, the owner of the property in question. Fees or charges based on potential or future use of a service are not permitted.
- (5) No fee or charge may be imposed for general governmental services including, but not limited to, police, fire, ambulance or library, services, where the service is available to the public at large in substantially the same manner as it is to property owners.

The utility financial models presented in this Study project revenues and expenses and calculate rates for the next five years through fiscal year ending 2025.

1.2 BACKGROUND

The City last conducted utility rate studies in the 2014 to 2016 time period. New solid waste rates were adopted in spring 2013, and new water and wastewater rates were adopted in spring 2014. A utility systems rate study is necessary at this time to a) ensure revenue sufficiency of the utility systems for the next five years, and b) demonstrate the City's ability to repay State loans for funding of the water system.

Rate studies are typically conducted every three to five years to ensure revenue sufficiency. A cost of service analysis, which not only allows for revenue sufficiency, but also examines whether

customers are paying for their share of system costs and adjusts rates and customer classifications to achieve equity to the maximum extent practicable, is advisable whenever there has been a shift in the economic base of the community, and whenever proportional cost of service is in question. As part of the regular periodic review of the rates, best practices include maintaining financially self-sustaining utilities, setting policies or guidelines on an appropriate reserve levels, including depreciation in the rates, and continual customer outreach to educate on the value of the City services provided.

This Study incorporates all three major elements of cost-based rate making; revenue requirement analysis, cost of service analysis, and rate-design analysis. In determining appropriate rate structures for Livingston that would meet the requirements of Proposition 218, the following key objectives were considered:

- Rates must be capable of generating sufficient revenues to meet all annual financial obligations of the utility enterprise funds;
- Changes to the rate structures must be administratively feasible (compatible with the existing billing system and straightforward to explain to customers);
- The rate structures should be as reflective of local customer use of the services as possible; and
- Revised rates must be supportive of City goals, including meeting target reserve levels and keeping within affordability guidelines.

This report presents the result of the analysis and rate structures that best meets these objectives under current and projected conditions.

1.3 RATE SETTING PRINCIPLES AND REPORT ORGANIZATION

This report was prepared using the principles established by the American Water Works Association, the Water Environment Federation, and Government Finance Officers Association.

The American Water Works Association “Principles of Water Rates, Fees, and Charges: Manual of Water Supply Practices M1 (the “M1 Manual”) establishes commonly accepted professional standards for cost of service studies. This manual is referenced in the water rate study.

The wastewater rate study uses the functional cost allocation methodology to determine rates¹, as presented in Water Environment Federation Manual of Practice No. 27 and guidelines prepared by the California State Water Resources Control Board for State Revolving Fund financing.

The Government Finance Officers Association publishes guidelines on sufficient cash balances for enterprise funds. Minimum cash balance targets for each utility fund in this Study are based on the GFOA guidelines.

¹ Chapter 6, pages 110-120, Financing and Charges for Wastewater Systems, Manual of Practice No. 27.

The Study is presented in four sections.

Following this introduction and summary of findings, Section 2 provides the water rate study. Section 3 provides the wastewater rate study, and Section 4 provides the solid waste rate study. For each utility study, the analysis begins with a description of the utility fund and its customers, followed by calculation of the revenue requirement, detailed calculations of the utility rates, projected cash flow and bill impacts to customers.

Appendix A includes support tables for the water rate study.

Appendix B includes support tables for the wastewater rate study.

Appendix C includes support tables for the solid waste rate study.

1.4 WATER RATE STUDY FINDINGS

Water rate study summary and key findings are summarized here:

- The City provides water supply, treatment, and distribution to the residents and businesses of Livingston. Monthly water rates pay for 93% of the annual costs of the water fund.
- The water fund has had net positive revenues for the last three years. The last water rate study included several capital improvement project costs that have not yet been incurred; therefore, revenues have deliberately been significantly greater than expenses. In the next five-year period cash reserves will be used to pay for capital improvement projects.
- The vast majority of the water system customer base is single family residential (93%); however, this customer category only uses 28% of the water. In contrast, the industrial customer category uses 62% of the water but holds less than 1% of the customer accounts. Although the residential customers use significantly more water during the peak summer months than winter months, their use is more than doubled by industrial use throughout the year. Industrial use is very steady month-to-month which makes the City less vulnerable to swings in revenues due to summer use; however, the City's largest industrial user, Foster Farms, is responsible for about 65% of the annual water fund revenue stream.
- The functional allocation of costs in the cost of service analysis determines that 45% of the costs should be collected in base "fixed" monthly charges; however, the rate study calculates fees based on 35% of costs collected in base monthly charges. In the 2014 water rate study it was determined that 35% was the most appropriate percentage to use because such a large amount of use of the system is from industrial users. The industrial customers do not have many water meters; therefore, capacity of the system, as measured by instantaneous flow through water meters, is much less significant in determining use of the system than it is for most water systems. Note, the functional allocation provides a guideline, not a rule, for allocating costs between base monthly charges and variable use charges.

- There are no proposed changes to the water rate structure except however that the methodology to calculate the construction water variable use rate (which is not a property-related service, and which fee is not included in the public hearing process) has been revised. The change in methodology increases the construction water rate proportionately more than the property-related fees.
- Due to updated pricing provided by the City's water meter supplier, the monthly meter fee for 10" meters is reduced. All other monthly meter fees increase.
- Cash reserves are projected to be drawn on heavily in fiscal years 2020 through 2022 and again in 2024 to fund the planned Capital Improvement Projects (CIP).
- A higher than minimum cash balance at the end of five years would be prudent for the water fund because of the multiple number of CIP project planned in the next five years. Cash reserves can be used, if necessary, to pay for project cost overruns; it can also be used to pay off State loans early and complete other system rehabilitation projects not currently in the CIP.
- The calculated January 2020 water rates result in an increase of \$3.34 per month during winter months for residential customers, and about \$4.00 per month during summer months. The impact to Foster Farms of the January 2020 rate increase is approximately \$66,000 (a 2.8% increase).

The updated water rate schedule is provided in **Table A** on the following page.

Table A
Projected Five-Year Water Rate Schedule

Charges	Current	Jan-20	Jan-21	Jan-22	Jan-23	Jan-24	Jan-25
Base Charge	Inside City *						
1" and smaller	\$25.13	\$28.31	\$29.32	\$30.37	\$31.46	\$32.59	\$33.77
1.5"	\$50.27	\$56.62	\$58.65	\$60.75	\$62.93	\$65.19	\$67.53
2"	\$80.43	\$90.59	\$93.83	\$97.20	\$100.68	\$104.30	\$108.05
3"	\$175.94	\$198.17	\$205.26	\$212.62	\$220.24	\$228.15	\$236.36
4"	\$301.61	\$339.72	\$351.88	\$364.48	\$377.56	\$391.12	\$405.18
6"	\$628.35	\$707.74	\$733.07	\$759.34	\$786.58	\$814.83	\$844.13
8"	\$1,206.43	\$1,358.87	\$1,407.50	\$1,457.93	\$1,510.24	\$1,564.48	\$1,620.73
10"	\$1,910.18	\$2,151.54	\$2,228.54	\$2,308.40	\$2,391.21	\$2,477.09	\$2,566.16
Meter Fee							
1" and smaller	\$3.05	\$3.21	\$3.31	\$3.41	\$3.51	\$3.62	\$3.72
1.5"	\$11.11	\$7.57	\$7.80	\$8.04	\$8.28	\$8.52	\$8.78
2"	\$12.13	\$14.46	\$14.90	\$15.35	\$15.81	\$16.28	\$16.77
3"	\$25.74	\$18.05	\$18.59	\$19.15	\$19.72	\$20.31	\$20.92
4"	\$40.61	\$42.72	\$44.01	\$45.33	\$46.69	\$48.09	\$49.53
6"	\$56.33	\$73.83	\$76.04	\$78.32	\$80.67	\$83.09	\$85.59
8"	\$89.50	\$120.38	\$123.99	\$127.71	\$131.54	\$135.49	\$139.55
10"	\$204.51	\$155.35	\$160.01	\$164.81	\$169.76	\$174.85	\$180.10
Service Charge Monthly Water Allowance							
Attached Residential (per Unit)	10,000	gallons					
Detached Residential (per Unit)	25,000	gallons					
Non-Residential (per Meter)	35,000	gallons					
Consumption Charge per 1,000 gallons of water in excess of allowance each month							
All Customers	\$1.57	\$1.61	\$1.68	\$1.75	\$1.82	\$1.89	\$1.97
Construction Water	\$1.17	\$1.75	\$1.82	\$1.89	\$1.97	\$2.05	\$2.13

Source: City of Livingston and 2019 HEC rate study.

sched

* Water rate schedules 1.5x outside City limits.

1.5 WASTEWATER RATE STUDY FINDINGS

Wastewater rate study summary and key findings are summarized here:

- The City provides wastewater collection, treatment, and disposal services to the residents and businesses of Livingston. Monthly wastewater rates pay for 95% of the annual costs of the wastewater fund.
- The wastewater fund is currently covering all expenses and debt service coverage requirements of existing bond covenants. The wastewater fund has adequate cash reserves.

- Wastewater fee collections need to increase beginning January 2020 to pay for increased operating expenses, equipment and vehicle purchases, and the planned wastewater CIP.
- The cost of service study demonstrates a shift in the customer base. Since 2014, the City has experienced growth, particularly in the non-residential customer categories (hotels, gas stations, and other businesses).
- The shift in the customer base, as well as updated cost allocation factors used in the rate calculations, results in calculated fees that are slightly lower than current fees for variable charges for light industrial customers. To smooth out the difference between current and January 2021 rates, the rate study takes the midpoint for light industrial variable rate, and for the residential, light industrial and commercial base rates which would otherwise experience a greater jump between 2020 and 2021.

The updated wastewater rate schedule is provided in **Table B** below.

Table B
Calculated Five-Year Wastewater Rate Schedule

Customer Category	Billing Basis	Current Rates Effective --->	FY 2019/20 Jan. 2020	FY 2020/21 Jan. 2021	FY 2021/22 Jan. 2022	FY 2022/23 Jan. 2023	FY 2023/24 Jan. 2024	FY 2024/25 Jan. 2025
Residential	per unit	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Non-Residential								
Churches/Temples/Comm. Ctrs.	per account	\$42.28	\$46.61	\$50.22	\$52.66	\$54.66	\$57.81	\$61.14
Schools (with cafeteria)	per student	\$1.46	\$1.69	\$1.82	\$1.90	\$1.98	\$2.09	\$2.21
Hotel/Motel	per room	\$17.22	\$21.77	\$23.46	\$24.60	\$25.53	\$27.01	\$28.56
Light Industrial (Base)	per account	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Commercial (Base)	per account	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Variable Charges for Non-Residential Only								
Light Industrial [1]	per gallon	\$0.010417	\$0.010781	\$0.011145	\$0.011686	\$0.012129	\$0.012829	\$0.013567
Commercial [2]	per gallon	\$0.003837	\$0.006541	\$0.007049	\$0.007391	\$0.007671	\$0.008114	\$0.008580

Source: 2019 HEC rate study.

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[1] Charge applied to the first 95% of total water use per month.

[2] Charge applied to the first 70% of total water use per month.

1.6 SOLID WASTE RATE STUDY FINDINGS

Solid waste study summary and key findings are summarized here:

- Solid waste rates pay for garbage pickup and disposal by Gilton Waste Management (hereafter “Gilton”). About 80% of annual sanitation fund expenses pay for services provided by Gilton. The remaining annual expenses pay for City-provided sanitation services, including street sweeping.
- The current solid waste rates cover the Gilton rates and more than cover current City operating and capital replacement and upgrade costs. As a result, the sanitation fund has sufficient cash balance such that a rate increase is not needed immediately.
- Because the current solid waste rates more than cover annual costs, the calculated rates are lower for fiscal year 2019/20; however, it is not advisable to decrease rates. Decreasing rates can lead to insufficiency of revenues in the five-year period which can lead to large rate increases in the future.
- The calculated solid waste rates do not increase January 2020 but they do increase each January thereafter. It is projected that the increased rates will continue to cover the Gilton rates and cover the City’s operating costs.
- A new service is included in the rate schedule for organics bins. The organics bins will be provided by Gilton to commercial and multi-family customers primarily for food waste services, which is a requirement of Senate Bill (SB) 1383.
- Included in the cost projection is \$100,000 per year in 2019 dollars to pay for the anticipated costs of implementing SB 1383. Anticipated costs include legal, education, outreach, enforcement and inspection costs. It is likely that the City will need to hire a recycling coordinator.

The updated solid waste rate schedule is provided in **Table C** on the next page.

Table C
Calculated Five-Year Solid Waste Rate Schedule

Service Type	Current	Fiscal Year Ending					
		2020	2021	2022	2023	2024	2025
	<i>New Rates Effective ----></i>	<i>Jan. 2020</i>	<i>Jan. 2021</i>	<i>Jan. 2022</i>	<i>Jan. 2023</i>	<i>Jan. 2024</i>	<i>Jan. 2025</i>
	<i>Rate Increase ----></i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>
<i>Rates do not include charges for special services that are scheduled between the customer and provider such as off schedule pick up, container maintenance, and delivery charges.</i>							
SINGLE FAMILY RESIDENTIAL		Once per week pickup					
96 gal. cart	\$25.16	\$23.25	\$24.41	\$25.63	\$26.91	\$28.26	\$29.67
Add'l cart	\$5.97	\$6.14	\$6.44	\$6.77	\$7.10	\$7.46	\$7.83
96 gal. cart greenwaste	\$1.33	\$1.23	\$1.29	\$1.35	\$1.42	\$1.49	\$1.57
Add'l greenwaste cart	\$5.97	\$6.14	\$6.44	\$6.77	\$7.10	\$7.46	\$7.83
MULTI-FAMILY & COMMERCIAL		Once per week pickup					
1 cubic yard container	\$47.36	\$43.77	\$45.96	\$48.26	\$50.67	\$53.21	\$55.87
2 cubic yards container	\$94.41	\$87.25	\$91.61	\$96.19	\$101.00	\$106.05	\$111.35
3 cubic yards container	\$139.86	\$129.26	\$135.72	\$142.51	\$149.63	\$157.12	\$164.97
4 cubic yards container	\$179.04	\$165.45	\$173.72	\$182.41	\$191.53	\$201.11	\$211.16
6 cubic yards container	\$251.71	\$232.62	\$244.25	\$256.47	\$269.29	\$282.75	\$296.89
Organics Bin (New)		\$65.99	\$69.29	\$72.75	\$76.39	\$80.21	\$84.22
Recycle Bins							
4 & 6 cubic yard containers	\$71.41	\$65.99	\$69.29	\$72.75	\$76.39	\$80.21	\$84.22
Commercial Compacting							
3 cubic yards container	n/a	\$449.50	\$471.97	\$495.57	\$520.35	\$546.36	\$573.68
4 cubic yards container	n/a	\$570.15	\$598.66	\$628.59	\$660.02	\$693.02	\$727.67
MULTI-FAMILY & COMMERCIAL		Twice per week pickup					
1 cubic yard container	\$93.90	\$103.52	\$108.70	\$114.14	\$119.84	\$125.83	\$132.13
2 cubic yards container	\$187.14	\$206.32	\$216.64	\$227.47	\$238.84	\$250.79	\$263.32
3 cubic yards container	\$264.56	\$291.68	\$306.26	\$321.57	\$337.65	\$354.54	\$372.26
4 cubic yards container	\$348.86	\$384.62	\$403.85	\$424.04	\$445.24	\$467.51	\$490.88
6 cubic yards container	\$490.40	\$540.67	\$567.70	\$596.08	\$625.89	\$657.18	\$690.04
Organic Bins (New)	n/a	\$131.97	\$138.57	\$145.50	\$152.77	\$160.41	\$168.43
Recycle Bins							
4 & 6 cubic yard containers	n/a	\$131.97	\$138.57	\$145.50	\$152.77	\$160.41	\$168.43
Commercial Compacting							
3 cubic yards container	n/a	\$866.26	\$909.58	\$955.06	\$1,002.81	\$1,052.95	\$1,105.60
4 cubic yards container	n/a	\$1,091.41	\$1,145.98	\$1,203.28	\$1,263.45	\$1,326.62	\$1,392.95
MULTI-FAMILY & COMMERCIAL		Three times per week pickup					
1 cubic yard container	n/a	\$147.32	\$154.69	\$162.42	\$170.54	\$179.07	\$188.02
2 cubic yards container	n/a	\$296.27	\$311.08	\$326.64	\$342.97	\$360.12	\$378.12
3 cubic yards container	\$398.63	\$439.49	\$461.46	\$484.54	\$508.76	\$534.20	\$560.91
4 cubic yards container	\$545.64	\$601.57	\$631.65	\$663.23	\$696.39	\$731.21	\$767.77
6 cubic yards container	\$750.40	\$827.32	\$868.68	\$912.12	\$957.72	\$1,005.61	\$1,055.89
Recycle Bins							
4 & 6 cubic yard containers	n/a	\$263.97	\$277.17	\$291.03	\$305.58	\$320.86	\$336.90
Commercial Compacting							
3 cubic yards container	n/a	\$1,734.27	\$1,820.99	\$1,912.04	\$2,007.64	\$2,108.02	\$2,213.42
4 cubic yards container	n/a	\$2,312.35	\$2,427.96	\$2,549.36	\$2,676.83	\$2,810.67	\$2,951.20

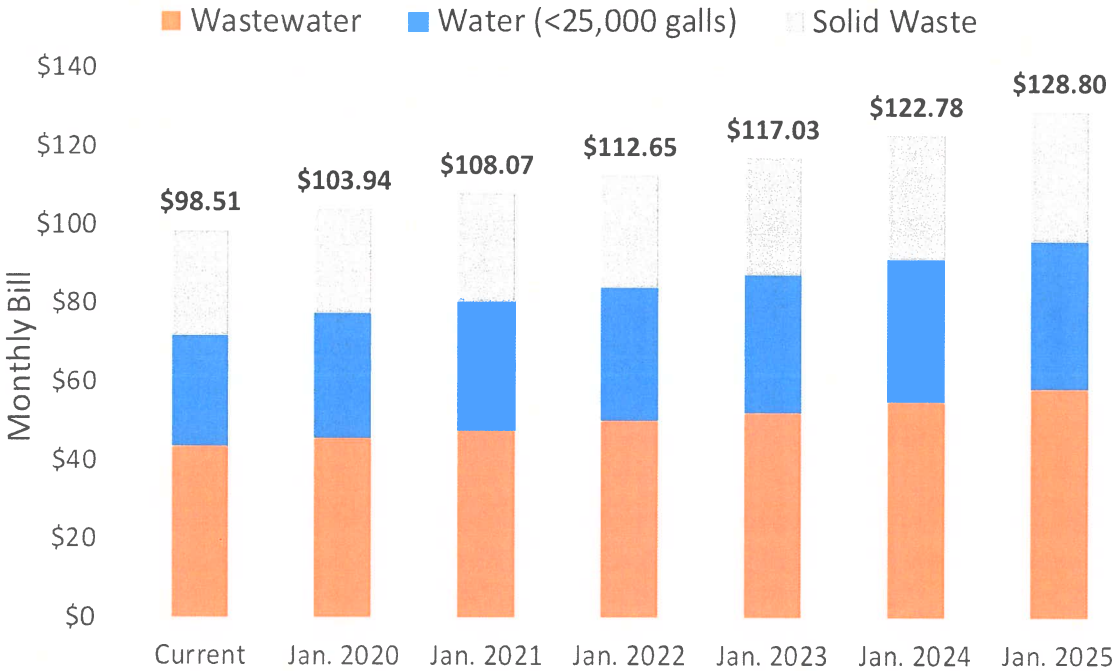
Source: City of Livingston and HEC.

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1.7 COMBINED UTILITIES BILL IMPACTS

Livingston residents receive monthly utility bills that include water, wastewater, and solid waste service costs; therefore, it is important to look at the combined impact on customer bills. **Figure A** below shows the total monthly bill impact to a typical home in Livingston using less than 25,000 gallons. In total, monthly bills would increase 5.5% January 2020, and between 4.0% and 5.0% each year for the following five January adjustments.

**Figure A
Combined Utility Bill Impact for a Typical Home**



Bill impacts to other customer categories are addressed in each study.

Section 2: WATER RATE STUDY

2.1 THE WATER FUND AND ITS CUSTOMERS

The City’s water enterprise fund accounts for the revenues and expenses associated with provision of water service. An enterprise fund is a fund that is intended to recover its costs through user fees and charges for a specific service. Money collected for an enterprise fund cannot be spent on other services. Generally accepted accounting principles (GAAP) require state and local government to use the enterprise fund type to account for “business type activities”. As a business type fund, enterprise funds must be self-sufficient. Enterprise funds also provide the repayment capacity for, and make debt service payments on, any debt incurred for capital projects; therefore, any water enterprise fund bond-funded projects do not diminish the City’s general fund debt capacity.

It is important for enterprise funds to be self-sufficient, without subsidies from other funds, including the City’s General Fund. General Fund cash should be used to protect against factors that could limit the City’s ability to provide critical services. Decreasing General Fund reserves could leave the City financially vulnerable, reducing funds necessary to recover from a natural disaster, for example.

Table 1 shows historical revenues and expenses for the water operating fund for fiscal years 2017 through 2019. Net revenues have been positive each year. The last water rate study included several capital improvement project costs that have not yet been incurred; therefore, revenues have deliberately been significantly greater than expenses. In the next five-year period cash reserves will be used to pay for capital improvement projects.

Table 1
Water Fund Historical Revenues and Expenses

Revenues and Expenses	Fiscal Year Ending		
	2017 actual	2018 actual	2019 actual
Revenue	\$3,484,226	\$3,736,933	\$3,873,948
Expense	\$1,868,403	\$1,952,499	\$2,662,009
Net Income	\$1,615,824	\$1,784,434	\$1,211,939
less Transfers Out	\$0	\$1,773,333	\$0
Net Revenue after Transfers	\$1,615,824	\$11,102	\$1,211,939

Source: City of Livingston financials provided September 2019.

net

Appendix A Tables A-1 and A-2 show the details of historical water fund revenues and expenses.

2.1.1. Revenues

Water system operations are funded through monthly rates, meter installation fees, interest income, utility penalties, and other small miscellaneous revenues. In some years, the City receives intergovernmental revenues for special regional projects.

Rate revenue is generated by application of the water rate schedule shown in **Table 2** below. Under the current rate schedule all customers pay fixed monthly charges (which include a service charge and meter replacement fee) by meter size, and a use charge according to the quantity of water used each month. Water is measured in thousands of gallons. All customers pay the same rate for every unit of water consumed above their base allowance. The monthly base allowance varies by customer category.

Table 2
Current Water Rates Schedule

Charges	2019 (Current) Water Rates	
	Inside City *	
Fixed Monthly Charges	Base Charge	Meter Fee
1" and smaller	\$25.13	\$3.05
1.5"	\$50.27	\$11.11
2"	\$80.43	\$12.13
3"	\$175.94	\$25.74
4"	\$301.61	\$40.61
6"	\$628.35	\$56.33
8"	\$1,206.43	\$89.50
10"	\$1,910.18	\$204.51
Service Charge Monthly Water Allowance		
Attached Residential (per Unit)	10,000	gallons
Detached Residential (per Unit)	25,000	gallons
Non-Residential (per Meter)	35,000	gallons
Construction	0	gallons
Consumption Charge per 1,000 gallons of water in excess of allowance each month		
All Customers except Construction	\$1.57	
Construction	\$1.17	

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* Water rate schedules 1.5x outside City limits.

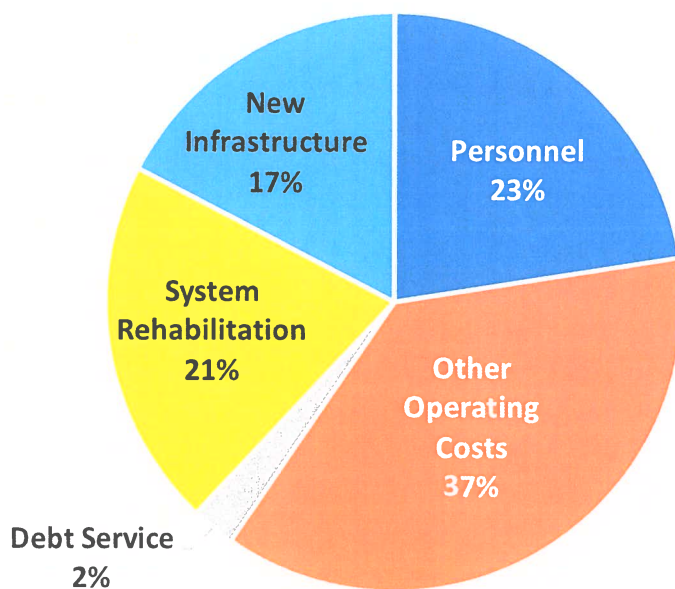
2.1.2. Expenses

Annual operating costs include all water system operating expenses, capital outlay, and debt service. Expenditures were grouped into five categories:

- Personnel (Payroll and Benefits)
- System Rehabilitation
- Debt Service
- New Infrastructure Projects
- Other Operating Costs

Personnel and other operating costs comprised the largest cost items in fiscal year ending 2019, which is the base year for the study. Fiscal year 2019 costs are illustrated in **Figure 1**.

Figure 1
Historical Water Fund Operating Expenses



2.1.3. Customer Base

Per the California Department of Finance, Livingston has a population of approximately 14,800, and it has sustained an annual average population increase of 1.8% since 2000. Population growth is shown in **Figure 2** on the next page.

The City serves water to about 3,100 households and 200 non-residential establishments, including large customers such as Foster Farms, and several irrigation-only customers. A pie chart illustrating the customer base is provided in **Figure 3** on the next page. As the pie chart shows, the City's water customers are primarily (93%) single family residential.

Figure 2
Population Growth

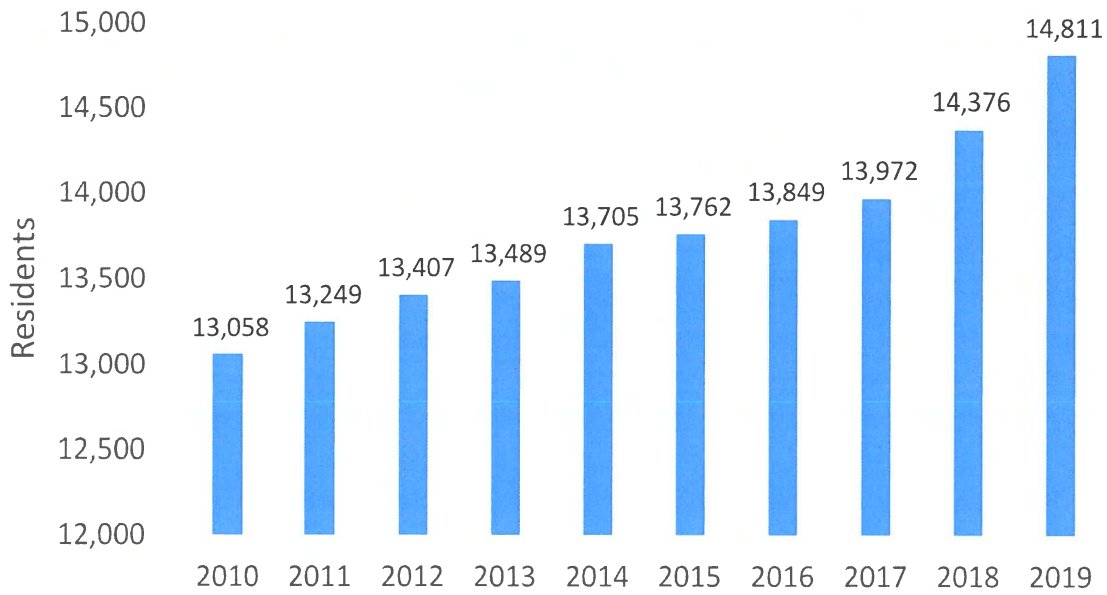
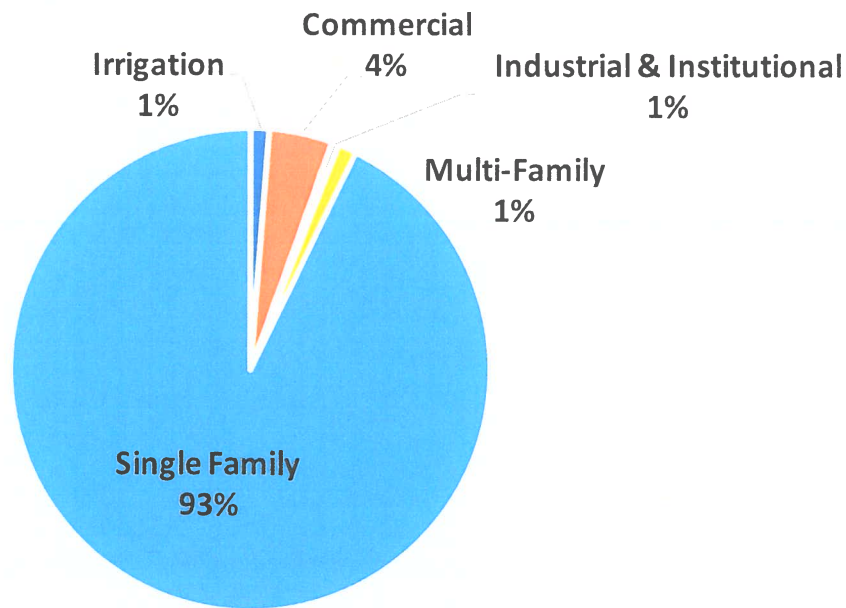


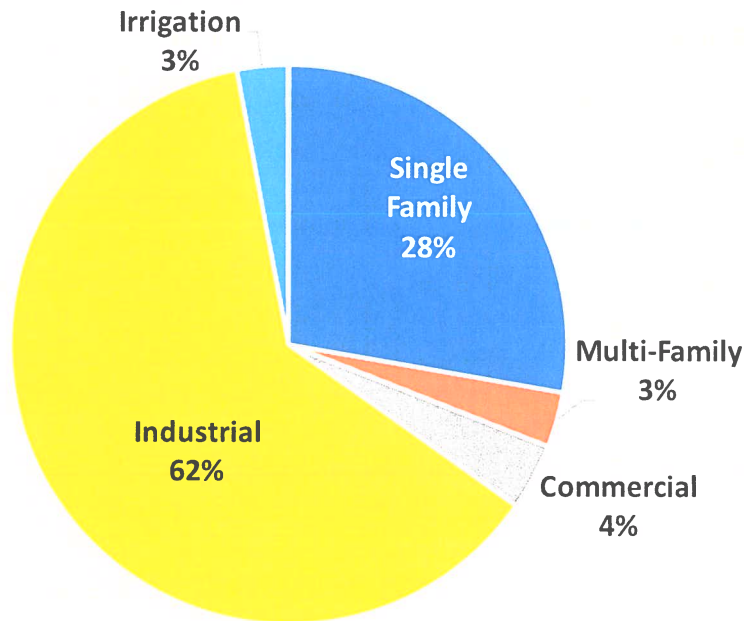
Figure 3
Customer Base



2.1.4. Water Consumption and Production

Figure 4 shows total water consumption by customer category. Although single family residential makes up 93% of the customer base, this group uses 28% of annual water consumption. Industrial customers, which make up less than 1% of the customer base, use 62% of total water consumed.

Figure 4
Water Consumption by Customer Category

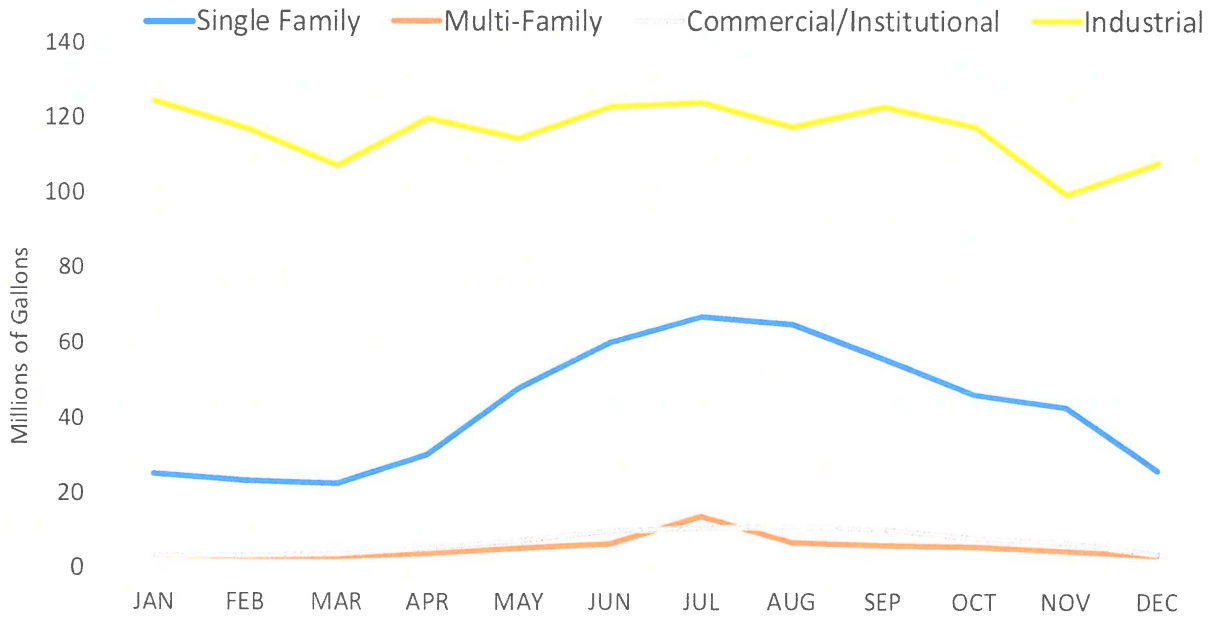


The City's water supply is 100% groundwater. Water use fluctuates from year to year depending on several factors including, but not limited to, growth, the weather, sustained drought, plumbing retrofits, and pricing of water. Historical average water use for 2016-2018 by customer category is used as the basis on which to project water use in the rate study. Historical potable water consumption is provided in **Appendix Table A-3**.

Like most cities in the western U.S., Livingston experiences greater water demand in the summer than the winter due to outside applications of water. **Figure 5** shows water use by month using 2017 and 2018 water use data provided by the City. Greater demand during the summer is driven by the single family customer category. Because such a large quantity of water is consumed by the industrial customers, with a steady water demand throughout the year, the City is not as susceptible to large swings in water use as many central valley communities.

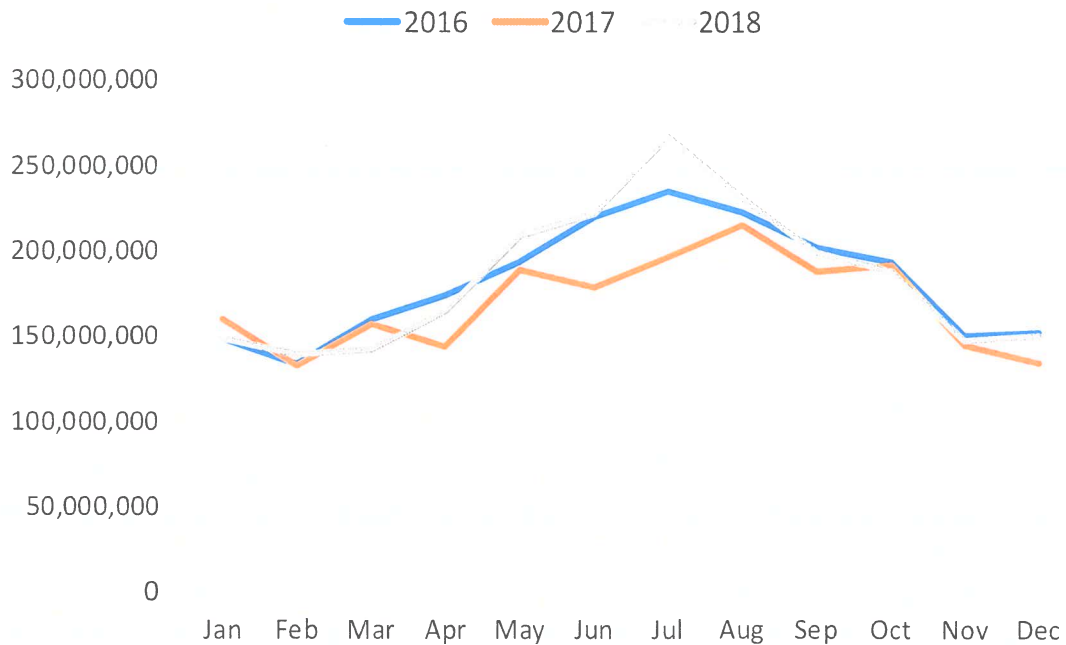
Well production data is provided in **Appendix Table A-4**. Approximately 84% of annual water production is for year-round water consumption, and approximately 16% of annual water production is additional water for increased demand during the summer months. Typically, central valley communities use 60%-65% of water for year-round demand, and 35%-40% of water additionally during the summer. **Figure 6** shows seasonal water production for the last three years.

Figure 5
Water Use Patterns by Customer Category



System-wide annual water production by month is shown in **Figure 7**.

Figure 6
Annual Water Production – Seasonal Trend



2.2 REVENUE REQUIREMENT

According to the American W M1 Manual, the first step in the ratemaking analysis is to determine the adequate and appropriate funding of a utility. This is referred to as the “revenue requirements” analysis. This analysis considers the short-term and long-term service objectives of the utility over a given planning horizon, including capital facilities and system operations and maintenance, to determine the adequacy of a utility’s existing rates to recover its costs. A number of factors may affect these projections, including: the number of customers served, water-use trends, nonrecurring sales, weather, conservation, use restrictions, inflation, interest rates, wholesale contracts, capital finance needs, changes in tax laws, and other changes in operating and economic conditions.

After determining a utility’s revenue requirements, a utility’s next step is determining the cost of service. Utilizing a public agency’s approved budget, financial reports, operating data, and capital improvement plans, a rate study generally categorizes (functionalizes) the costs, expenses, and assets of the water system among major operating functions to determine the cost of service.

After the assets and the costs of operating those assets are properly categorized by function, the rate study allocates those “functionalized costs” to the various customer classes (e.g., single-family residential, multi-family residential and commercial) by determining the characteristics of those classes and the contribution of each to incurred costs such as peaking factors or different delivery costs, service characteristics and demand patterns. Rate design is the final part of the M1 Manual’s rate-making procedure and generally uses the revenue requirement and cost of service analysis to determine appropriate rates for each customer class.

The revenue requirement refers to the amount of money that must be raised for revenue sufficiency of the water fund through rates. The projection of the revenue requirement is the cornerstone for the calculation of rates. This section explains the derivation of revenue requirement for this study. Components of the revenue requirement include:

- Capital Improvements
- Debt Service
- Operations Expenses and Reserves
- System Rehabilitation

Non-water sales revenue projections are credited against projected operations costs. Non-water sales include meter replacement fees, meter installation fees, fines and forfeitures (penalties), interest income, and miscellaneous revenue.

2.2.1. Capital Improvements

Water system capital costs in any one year are dependent on the state of the current infrastructure to serve existing customers and necessary improvements to accommodate potential new customers. Over the next five years, total water system capital improvement costs are estimated at \$24.56 million. The largest project cost is anticipated to be for wells 13 and 17 conveyance,

treatment plant and storage tank (\$8.75 million). The new well 11 (estimated cost \$1.20 million) will be constructed and paid for by Foster Farms under agreement with the City.

Table 3 summarizes the total estimated costs and anticipated funding sources. Total estimated costs are in future dollars (cost estimates were provided in 2019 dollars; the rate study inflates the cost estimates by 3% each year per the 10-year historical average increase in the Engineering News Record (ENR) Construction Cost Index (CCI)). **Appendix Tables A-5 and A-6** provides greater detail of the CIP items and costs.

A \$4.0 million loan has already been executed with the State Water Resources Control Board (SWRCB) for wells 14 and 16 treatment and conveyance facilities. Improvements to wells 8, 9, 13, and 17 are anticipated to be funded with additional loans from the SWRCB. All other capital improvement projects will be funded with reserves (currently accumulated and future collections of water rate revenues), and the park surface water irrigation project will be partially funded with a grant.

Two projects are estimated to benefit future water users; 25% of the well 8 and 9, as well as the well 13 and 17 project costs, are allocated to future users. These two projects are anticipated to be funded by SRF loans; therefore, 25% of annual debt service will be paid for with accumulated water connection fees.

Table 3
Summary of CIP Costs Fiscal Years Ending 2020-2025

	Estimated Cost in Inflated Dollars 2020-2025	Funding Source
Well 8 - New Well	\$1,030,000	Reserves
Well 9 - New Well	\$1,200,000	Reserves
Well 11 - New Well	\$1,200,000	Foster Farms
Well 12 Conveyance & Treatment	\$1,935,875	Reserves
Well 8 & 9 Conveyance & Treatment Plant	\$4,635,000	SRF Loan [1]
Well 14 & 16 Conveyance & Treatment Plant - secured loan	\$4,000,000	SRF Loan
Well 13 & 17 Conveyance, Treatment Plant & Storage Tank	\$8,755,000	SRF Loan [1]
Water Line Replacement Ph 4 (Walnut, Davis, White, N Main)	\$1,412,397	Reserves
Park Surface Water Irrigation	\$370,800	Reserves [2]
Server Upgrades	\$25,000	Reserves
Total Estimated Water Improvements Cost	\$24,564,073	

Source: City of Livingston November 2019.

cip sum

[1] A portion of debt service to be repaid with connection fees.

[2] A portion of this project will be funded by a grant.

2.2.2. Debt Service

The City has two existing loans with the SWRCB for wells 13 (\$1.35 million) and wells 14 and 16 (\$4.00 million). Repayment schedules are provided in **Appendix A Tables A-7 and A-8**.

New debt service is assumed to be incurred for wells 8 and 9 (total \$3.61 million), as well as wells 13 and 17 (total \$8.76 million). The City does not yet know what the terms of financing will be; the rate study assumes 2.50% interest with a 30-year amortization. The State requires one year of debt service be held in reserve for debt payments. The City can either collect this up-front or increase debt service 10% for the first ten years of payments. The rate study assumes that an additional 10% per year is collected for the first ten years for both of these projects. Debt calculations associated with the estimated additional two new SWRCB loans is provided in **Appendix A Table A-9**.

In addition, the City is currently executing an agreement with TRANE for energy efficiency projects Citywide. A portion of the total projects cost is to upgrade water system components to be more energy efficient. The water system's share of debt service associated with these projects is estimated at \$47,000 per year.

2.2.3. Operating Expenses and Reserves

Future year operating expenses are based on fiscal year 2019 actual operating expenses. Personnel costs are increased 6.0% each year, utilities costs are increased 4.0% each year, and all other annual expenses are increased 2.5%, 3.0%, or 3.5% each year. These cost increases were based on historical cost increases and discussions with City staff. Historically, City water operating expenses have increased 3.5% to 4.0% per year, which is very reasonable. It is very typical for water utility annual costs, and therefore water rates, to outstrip inflation. In May 2019, the American Water Works Association released an article, "Rate survey: water cost increases outpacing other U.S. goods and services" in which it documented that between 2016 and 2018 water rates increased 7.2% and wastewater rates 7.5% while the national consumer price index increased 4.6%.

In addition to historical types of costs incurred by the water fund, the City is adding new operations and maintenance costs for facilities included in the CIP. These costs will be partially offset by reduced electrical bills resulting from the completion of the water system energy efficiency projects.

2.2.4. System Rehabilitation

Depreciation is used as the basis on which to collect rates to cover system rehabilitation costs. Inclusion of system rehabilitation costs demonstrates fiscal responsibility toward the assets to potential future investors and helps to establish good credit². Depreciation is calculated based on existing water facilities and new facilities built in the next five-year period.

² Per Governmental Accounting Standards Board (GASB) 34, local governments must report on the value of their infrastructure assets and plan for asset maintenance (including collecting sufficient revenue) to obtain good credit when issuing bonds or procuring other forms of financing for long-term construction projects.

Table 4 shows the total annual amount included in the rates for system rehabilitation. The estimated cost includes replacement of existing assets and assets that are estimated to be constructed during the study time period. The water rates include 50% depreciation; in many years not all of the money collected is spent; in these years the additional amount is kept in the reserves and spent in another year in which capital costs exceed collections for system rehabilitation.

**Table 4
System Rehabilitation Annual Budget Estimate**

Depreciation	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Current Depreciation [1]	\$183,000	\$183,000	\$183,000	\$183,000	\$183,000	\$183,000
New Depreciation	\$736,000	\$736,000	\$736,000	\$736,000	\$736,000	\$736,000
Total Depreciation	\$919,000	\$919,000	\$919,000	\$919,000	\$919,000	\$919,000
	50%	50%	50%	50%	50%	50%
Amount in Rev. Req.	\$459,500	\$459,500	\$459,500	\$459,500	\$459,500	\$459,500

Source: City of Livingston and HEC November 2019.

depr

[1] Current book value of all water assets minus wells which are to be replaced.

2.2.5. Calculated Revenue Requirement

Table 5 provides the projection of annual costs and revenues and the resulting revenue requirement through fiscal year 2025. Over the next five years, the revenue requirement is projected to continue to increase to account for inflation, to fund capital expenditures and depreciation, and to account for new debt. The total revenue requirement is projected to increase from \$2.38 million in fiscal year 2019 to \$4.03 million in fiscal year 2020 and fluctuate each year thereafter depending on the level of cash-funded capital expenditures.

The water rates are based on raising sufficient revenue to fund the revenue requirement with even 4.25% percentage increases over time. The amount to be raised each year by water rates is the “user fees” line underneath the revenue requirement line in **Table 5**. Note that although the amount to be raised by rates increases 4.25% in the first year, not all customer categories will have the same percentage increase. The difference in customer category increases is due to the cost of service analysis.

Table 5
Projected Revenue Requirement

Expenses and Credits	Inflator	Fiscal Year Ending						
		2019 actual	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Operating Expenses								
Personnel	6.0%	\$726,097	\$769,663	\$815,843	\$864,794	\$916,681	\$971,682	\$1,029,983
Contract Services	3.0%	\$110,320	\$113,630	\$117,039	\$120,550	\$124,166	\$127,891	\$131,728
Utilities	4.0%	\$560,431	\$582,848	\$606,162	\$630,408	\$655,625	\$681,850	\$709,124
less Electricity Savings [1]	4.0%			(\$75,000)	(\$78,000)	(\$81,120)	(\$84,365)	(\$87,739)
SGMA Compliance (placeholder)	2.5%	\$0	\$50,000	\$51,250	\$52,531	\$53,845	\$55,191	\$56,570
Infrastructure O&M	3.5%	\$381,515	\$394,868	\$408,688	\$422,992	\$437,797	\$453,120	\$468,979
Other Operating Costs	2.5%	\$142,217	\$145,772	\$149,416	\$153,152	\$156,981	\$160,905	\$164,928
New Infrastructure Op. Costs	Table A-6	\$0	\$295,000	\$97,850	\$525,146	\$103,809	\$782,229	\$110,131
Total Operating Expenses		\$1,920,580	\$2,351,781	\$2,171,249	\$2,691,573	\$2,367,784	\$3,148,503	\$2,583,704
Debt Service								
SRF D15-02037 (\$1.35 Mill - well 13)	secured	\$78,778	\$78,778	\$78,778	\$78,778	\$78,778	\$78,778	\$78,778
SRF D18-02003 (\$4.0 Mill -wells 14 & 16)	secured		\$47,358	\$172,989	\$172,989	\$172,989	\$172,989	\$172,989
Energy Retrofits [2]	estimate			\$47,000	\$47,000	\$47,000	\$47,000	\$47,000
New Debt - Wells 13 & 17	estimate				\$460,130	\$460,130	\$460,130	\$460,130
New Debt - Wells 8 & 9	estimate				\$243,650	\$243,650	\$243,650	\$243,650
Subtotal Debt Service		\$78,778	\$126,136	\$298,767	\$1,002,547	\$1,002,547	\$1,002,547	\$1,002,547
System Rehabilitation and New Projects								
Meter Replacement		\$36,295	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Equipment Purchase		\$27,130	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Vehicle Replacement		\$38,229	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
Cash-Funded Capital Projects		\$560,996	\$1,225,000	\$1,223,002	\$1,412,397	\$0	\$1,935,875	\$0
Subtotal System Rehabilitation and New Projects		\$662,651	\$1,322,000	\$1,320,002	\$1,509,397	\$97,000	\$2,032,875	\$97,000
Additional Collection for Depreciation		\$0	\$459,500	\$459,500	\$459,500	\$459,500	\$459,500	\$459,500
Total Costs		\$2,662,009	\$4,259,418	\$4,249,518	\$5,663,018	\$3,926,831	\$6,643,425	\$4,142,751
Credits								
Meter Replacement Fees	3.0%	\$158,192	\$151,304	\$156,836	\$161,541	\$166,387	\$171,378	\$176,520
Meter Installation Fees	estimate	\$51,718	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000
Fines & Forfeitures	3.0%	\$17,980	\$18,519	\$19,075	\$19,647	\$20,237	\$20,844	\$21,469
Interest Income	0.0%	\$48,768	\$48,768	\$48,768	\$48,768	\$48,768	\$48,768	\$48,768
Loss of Highway Irrigation Area Revenue [3]	4.5%			(\$16,000)	(\$16,720)	(\$17,472)	(\$18,259)	(\$19,080)
Miscellaneous Revenue	0.0%	\$7,959	\$7,959	\$7,959	\$7,959	\$7,959	\$7,959	\$7,959
Subtotal Credits		\$284,618	\$235,551	\$225,638	\$230,195	\$234,879	\$239,691	\$244,636
Revenue Requirement		\$2,377,391	\$4,023,867	\$4,023,880	\$5,432,822	\$3,691,953	\$6,403,734	\$3,898,115
Increase in User Fees [4]			4.25%	4.25%	4.25%	4.25%	4.25%	4.25%
User Fees		\$3,592,366	\$3,745,041	\$3,904,206	\$4,070,134	\$4,243,115	\$4,423,448	\$4,611,444

Source: City of Livingston fiscal year 2019 budget, and HEC.

rev req

[1] TRANE estimate is \$79,953 in first year. This has been rounded down to the nearest \$5,000.

[2] Bank estimate of annual payments is \$46,694. This has been rounded up to the nearest \$1,000.

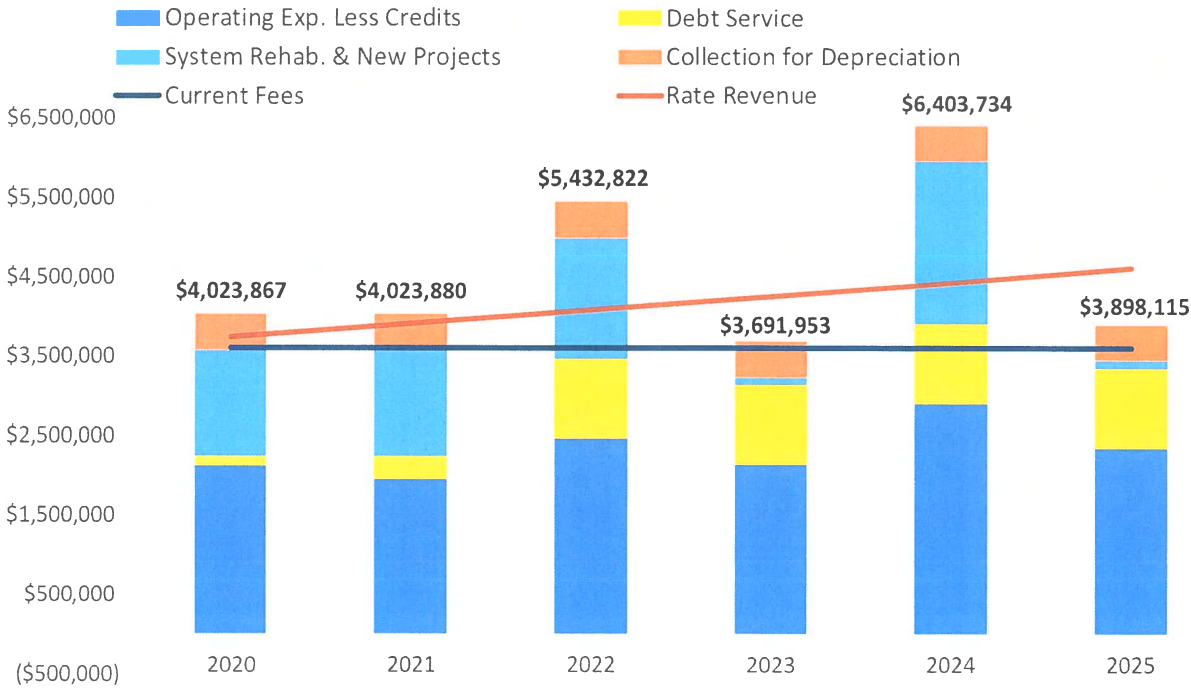
[3] Well 15 will be removed from domestic consumption supplies due to poor water quality; however, it will continue to provide irrigation water.

At this time, it is unknown what revenues might be collected from the well 15 irrigation system.

[4] The amount to be raised from water sales is increased each year by a percentage to smooth out the changes.

Components of revenue requirement and projected water sales revenues are illustrated in **Figure 7**. The total revenue requirement decreases in 2023 and 2025 because of a decrease in cash spending on capital improvement projects during those years.

Figure 7
Components of Revenue Requirement



One of the credits in the revenue requirement is revenue generated by the monthly meter replacement fee. City crews replace older water meters that are near the end of their useful life, or which are inaccurately measuring water flow. The cost to replace meters by size of meter was used to determine appropriate monthly collection of fees to support routine meter replacements in **Appendix Table A-10**. Projected meter replacement fee revenue by year is shown in **Appendix Table A-11**.

The next step in calculating water rates is performing functional cost allocation and cost of service. Functional cost allocation is provided in **Appendix A, Tables A-12 and A-13**. The cost classification provides a *guideline* for the City in determining the portion of revenue requirement to collect through service charges versus usage charges. There is no set formula for determining exactly how much to collect in the service charge versus the use charge.

City water system costs were classified into two categories; fixed (service) and variable (use) costs.

- **Fixed Costs.** Included in this category are costs associated with customer-driven costs and the water system’s readiness to serve, which includes a portion of the water system’s capacity costs for typical non-peaking water use. Forty-five percent of annual costs were determined to be fixed costs after performing a functional allocation of the 2019 water fund expenses.

Fixed costs are allocated to customers based on the number of equivalent meters, determined by the relative hydraulic capacity of the meter size relative to a 1-inch meter. **Table A-14** shows the calculation of equivalent meters. Note that the number of equivalent meters is calculated using current number of billing meters (rather than total number of meters) on the water system at any one time.

- **Variable Costs.** These costs vary with the quantity of water consumed. They include the peaking portion of capacity costs and commodity costs. Commodity costs are expenses that increase or decrease almost directly with the amount of water supplied. Operations and maintenance variable costs primarily include well pumping electricity costs, but also a portion of administrative costs, debt service and other costs as determined in the functional allocation. Variable costs are recovered through use charges applied per thousand gallons above the base allowance each month.

Table 6 shows allocation of the amount to be collected in user fees each year between service and use charges in the rate model for the study. The amount to be collected in monthly service charges (the “fixed” fee component) is 35% rather than the 45% calculated in the functional cost allocation. This difference is because the City currently collects 35% of user fees in service charges. In the last water rate study, which was conducted in 2014, it was determined that 35% was the most appropriate percentage to use because such a large amount of use of the system is from industrial users. The industrial customers do not have many water meters; therefore, capacity of the system, as measured by instantaneous flow through water meters, is much less significant in determining use of the system than it is for most water systems.

Table 6
Allocation of User Fees

Allocated Rev. Requirement	Fiscal Year Ending						
	2020	2021	2022	2023	2024	2025	
Revenue Requirement	\$3,745,041	\$3,904,206	\$4,070,134	\$4,243,115	\$4,423,448	\$4,611,444	
Fixed	35%	\$1,310,765	\$1,366,472	\$1,424,547	\$1,485,090	\$1,548,207	\$1,614,005
Variable	65%	\$2,434,277	\$2,537,734	\$2,645,587	\$2,758,025	\$2,875,241	\$2,997,439

Source: City of Livingston November 2019 and HEC.

rev alloc

2.3 WATER RATE CALCULATIONS

The calculation of monthly service charges is shown in **Table 7** below. Monthly service charges are applied to customers based on the size of their meter.

Table 7
Calculation of Monthly Service Charges

Base Meter Fee	Fiscal Year Ending						
	2020	2021	2022	2023	2024	2025	
Total Costs	\$1,310,765	\$1,366,472	\$1,424,547	\$1,485,090	\$1,548,207	\$1,614,005	
Meter Equivalent	3,858	3,883	3,908	3,933	3,958	3,983	
Meter Size	Ratio	Monthly Service Charge per Meter					
1" and smaller	1	\$28.31	\$29.32	\$30.37	\$31.46	\$32.59	\$33.77
1.5"	2	\$56.62	\$58.65	\$60.75	\$62.93	\$65.19	\$67.53
2"	3	\$90.59	\$93.83	\$97.20	\$100.68	\$104.30	\$108.05
3"	7	\$198.17	\$205.26	\$212.62	\$220.24	\$228.15	\$236.36
4"	12	\$339.72	\$351.88	\$364.48	\$377.56	\$391.12	\$405.18
6"	25	\$707.74	\$733.07	\$759.34	\$786.58	\$814.83	\$844.13
8"	48	\$1,358.87	\$1,407.50	\$1,457.93	\$1,510.24	\$1,564.48	\$1,620.73
10"	76	\$2,151.54	\$2,228.54	\$2,308.40	\$2,391.21	\$2,477.09	\$2,566.16

Source: City of Livingston November 2019 and HEC.

base fees

The calculation of use charges is shown in **Table 8**. Beginning January 2020, water use greater than the monthly allowance would be billed at \$1.61 per thousand gallons.

Table 8
Calculation of Use Costs per Thousand Gallons

Customer Category	Fiscal Year Ending					
	2020	2021	2022	2023	2024	2025
Allocated Costs	\$2,434,277	\$2,537,734	\$2,645,587	\$2,758,025	\$2,875,241	\$2,997,439
Annual Demand (Thousands of Gallons)	2,139,398	2,144,857	2,150,377	2,155,960	2,161,606	2,167,317
Gallons Above Monthly Allowance						
Residential	<i>All figures in thousands of gallons</i>					
Single Family	62,742	63,131	63,523	63,918	64,315	64,714
Multi-Family	21,764	21,764	21,764	21,764	21,764	21,764
Subtotal Residential	84,506	84,896	85,288	85,682	86,079	86,479
Non-Residential						
Commercial	43,240	44,179	45,137	46,117	47,118	48,140
Industrial	1,329,351	1,329,351	1,329,351	1,329,351	1,329,351	1,329,351
Irrigation	54,934	54,934	54,934	54,934	54,934	54,934
Subtotal Non-Residential	1,427,525	1,428,463	1,429,422	1,430,402	1,431,403	1,432,425
Gallons Above Monthly Allowance	1,512,031	1,513,359	1,514,710	1,516,084	1,517,482	1,518,904
Estimated Total Water Billed	71%	71%	70%	70%	70%	70%
Cost per 1,000 Gallons above Base Allowance	\$1.61	\$1.68	\$1.75	\$1.82	\$1.89	\$1.97
Construction Water	\$1.75	\$1.82	\$1.89	\$1.97	\$2.05	\$2.13

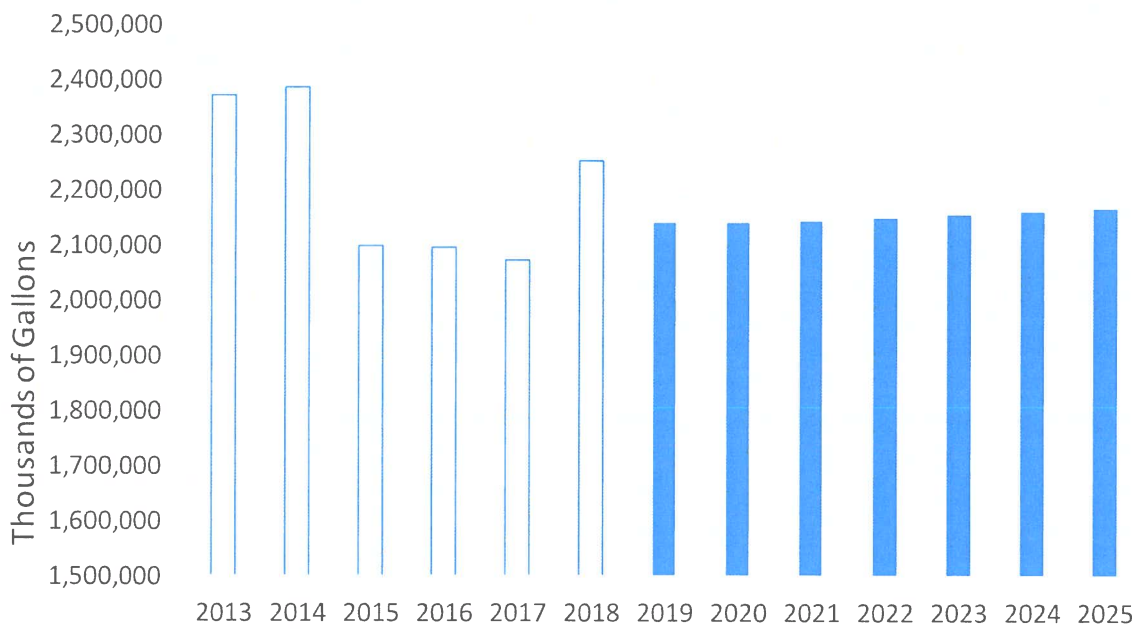
Source: City of Livingston and HEC September 2019.

use fees

The calculation of use charges is based on allocated cost and projected water demand for each customer category. Total projected water demand is shown in **Figure 8** on the next page and by customer category in **Appendix Table A-15**. The projection of water demand is based on average water use for the past three years plus the assumed growth of 25 new one-inch water meters per year. In addition, the projected water use accounts for customers' reactions to price increases. The relationship between increased prices and decreased demand is referred to as price elasticity. Price elasticity varies by geography due to many micro-economic variables. HEC applied industry knowledge to establish assumed price elasticity factors for the Study. Price elasticity analysis is shown in **Tables A-16** and **A-17**.

Construction water use fees for water pulled off fire hydrants, and which are not property-related fees, are calculated as the average cost per gallon for all water service costs excluding meter replacement. This methodology is updated from the 2014 water rate study which is why the cost increase is greater than for other water customers.

Figure 8
Historical and Projected Annual Water Demand



The calculated meter replacement fees are shown in **Table 9**. Due to updated pricing provided by the City’s water meter supplier, the monthly meter fee for 10” meters decreased. All other monthly meter fees increased.

Table 9
Calculated Meter Replacement Fees by Meter Size

Meter Size	Fiscal Year Ending					
	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
	<i>Annual Escalator 3%</i>					
1"	\$3.21	\$3.31	\$3.41	\$3.51	\$3.62	\$3.72
1-1/2"	\$7.57	\$7.80	\$8.04	\$8.28	\$8.52	\$8.78
2"	\$14.46	\$14.90	\$15.35	\$15.81	\$16.28	\$16.77
3"	\$18.05	\$18.59	\$19.15	\$19.72	\$20.31	\$20.92
4"	\$42.72	\$44.01	\$45.33	\$46.69	\$48.09	\$49.53
6"	\$73.83	\$76.04	\$78.32	\$80.67	\$83.09	\$85.59
8"	\$120.38	\$123.99	\$127.71	\$131.54	\$135.49	\$139.55
10"	\$155.35	\$160.01	\$164.81	\$169.76	\$174.85	\$180.10

Source HEC. meter fee

Total calculated rates include the fixed monthly service charges, meter replacement fees, and consumption charges. The calculated water rate schedule is provided in **Table 10** below.

Table 10
Calculated New Water Rates Schedule

Charges	Current	Jan-20	Jan-21	Jan-22	Jan-23	Jan-24	Jan-25
Base Charge	Inside City *						
1" and smaller	\$25.13	\$28.31	\$29.32	\$30.37	\$31.46	\$32.59	\$33.77
1.5"	\$50.27	\$56.62	\$58.65	\$60.75	\$62.93	\$65.19	\$67.53
2"	\$80.43	\$90.59	\$93.83	\$97.20	\$100.68	\$104.30	\$108.05
3"	\$175.94	\$198.17	\$205.26	\$212.62	\$220.24	\$228.15	\$236.36
4"	\$301.61	\$339.72	\$351.88	\$364.48	\$377.56	\$391.12	\$405.18
6"	\$628.35	\$707.74	\$733.07	\$759.34	\$786.58	\$814.83	\$844.13
8"	\$1,206.43	\$1,358.87	\$1,407.50	\$1,457.93	\$1,510.24	\$1,564.48	\$1,620.73
10"	\$1,910.18	\$2,151.54	\$2,228.54	\$2,308.40	\$2,391.21	\$2,477.09	\$2,566.16
Meter Fee							
1" and smaller	\$3.05	\$3.21	\$3.31	\$3.41	\$3.51	\$3.62	\$3.72
1.5"	\$11.11	\$7.57	\$7.80	\$8.04	\$8.28	\$8.52	\$8.78
2"	\$12.13	\$14.46	\$14.90	\$15.35	\$15.81	\$16.28	\$16.77
3"	\$25.74	\$18.05	\$18.59	\$19.15	\$19.72	\$20.31	\$20.92
4"	\$40.61	\$42.72	\$44.01	\$45.33	\$46.69	\$48.09	\$49.53
6"	\$56.33	\$73.83	\$76.04	\$78.32	\$80.67	\$83.09	\$85.59
8"	\$89.50	\$120.38	\$123.99	\$127.71	\$131.54	\$135.49	\$139.55
10"	\$204.51	\$155.35	\$160.01	\$164.81	\$169.76	\$174.85	\$180.10
Service Charge Monthly Water Allowance							
Attached Residential (per Unit)	10,000	gallons					
Detached Residential (per Unit)	25,000	gallons					
Non-Residential (per Meter)	35,000	gallons					
Consumption Charge per 1,000 gallons of water in excess of allowance each month							
All Customers	\$1.57	\$1.61	\$1.68	\$1.75	\$1.82	\$1.89	\$1.97
Construction Water	\$1.17	\$1.75	\$1.82	\$1.89	\$1.97	\$2.05	\$2.13

Source: City of Livingston and 2019 HEC rate study.

sched

* Water rate schedules 1.5x outside City limits.

In compliance with California SB-7, which requires all new multi-family residential development to be individually metered or sub-metered, any newly constructed units will pay the same base rate per unit as all current detached residential units unless the owner of the building(s) sub-meters each unit and performs its own internal water billing of each unit.

2.4 CASH FLOW AND FUND BALANCE

Table 11 below shows the projected cash flow for the water enterprise fund through fiscal year 2025. With adoption of the calculated rates it is anticipated that the City will be able to meet all water enterprise fund obligations, including existing and potential debt service coverage requirements, and achieve a target of at least six months of revenues in unrestricted cash reserves most years.

Table 11
Projected Cash Flow

Revenues and Expenses	Fiscal Year Ending					
	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Revenues						
User Fees ---- Jul-Dec	\$1,796,183	\$1,872,521	\$1,952,103	\$2,035,067	\$2,121,558	\$2,211,724
User Fees ---- Jan-Jun	\$1,872,521	\$1,952,103	\$2,035,067	\$2,121,558	\$2,211,724	\$2,305,722
Meter Replacement Fees	\$154,748	\$154,070	\$159,188	\$163,964	\$168,883	\$173,949
Meter Installation Fees	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000
Fines & Forfeitures	\$18,519	\$19,075	\$19,647	\$20,237	\$20,844	\$21,469
Interest Income	\$48,768	\$48,768	\$48,768	\$48,768	\$48,768	\$48,768
Miscellaneous Revenue	\$7,959	\$7,959	\$7,959	\$7,959	\$7,959	\$7,959
Total Revenues	\$3,907,698	\$4,063,496	\$4,231,733	\$4,406,553	\$4,588,735	\$4,778,591
Operating Expenses	\$2,351,781	\$2,171,249	\$2,691,573	\$2,367,784	\$3,148,503	\$2,583,704
Net Income before Debt Service	\$1,555,917	\$1,892,247	\$1,540,160	\$2,038,769	\$1,440,232	\$2,194,887
Debt Service	\$126,136	\$298,767	\$1,002,547	\$1,002,547	\$1,002,547	\$1,002,547
<i>Debt Coverage</i>	<i>12.3</i>	<i>6.3</i>	<i>1.5</i>	<i>2.0</i>	<i>1.4</i>	<i>2.2</i>
System Rehab & New Projects Cash-Funded	\$1,322,000	\$1,320,002	\$1,509,397	\$97,000	\$2,032,875	\$97,000
Net Revenue	\$107,781	\$273,477	(\$971,785)	\$939,221	(\$1,595,190)	\$1,095,340
Beginning Cash Balance [1]	\$3,343,451	\$3,451,232	\$3,724,709	\$2,928,870	\$4,044,036	\$2,624,791
Net Revenue	\$107,781	\$273,477	(\$971,785)	\$939,221	(\$1,595,190)	\$1,095,340
Transfer In from Capital Fund for Debt			\$175,945	\$175,945	\$175,945	\$175,945
Estimated Ending Cash Balance	\$3,451,232	\$3,724,709	\$2,928,870	\$4,044,036	\$2,624,791	\$3,896,076
Restricted Balance [2]	\$126,136	\$298,767	\$1,002,547	\$1,002,547	\$1,002,547	\$1,002,547
Unrestricted Balance	\$3,325,096	\$3,425,942	\$1,926,322	\$3,041,489	\$1,622,243	\$2,893,528
Min. Unrestricted Balance [3]	\$1,953,849	\$2,031,748	\$2,115,866	\$2,203,276	\$2,294,368	\$2,389,296

Source: City of Livingston September 2019 and HEC.

flow

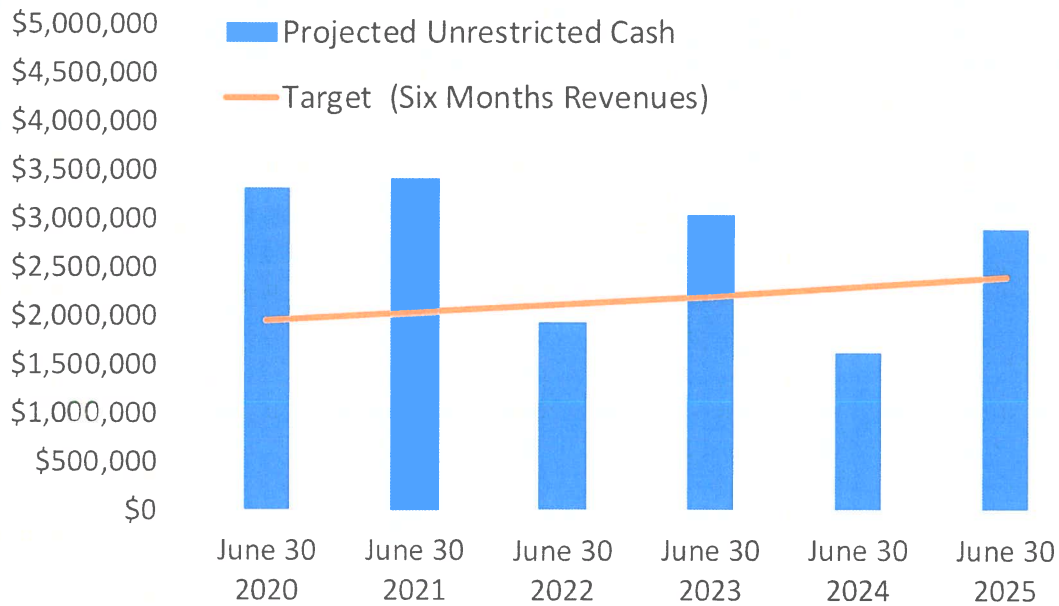
[1] Beginning cash balance as of July 1, 2019.

[2] One year of debt service.

[3] Six months of revenues.

Figure 9 shows projected and target water fund balances through fiscal year ending 2025.

Figure 9
Projected Water Fund Cash Balance



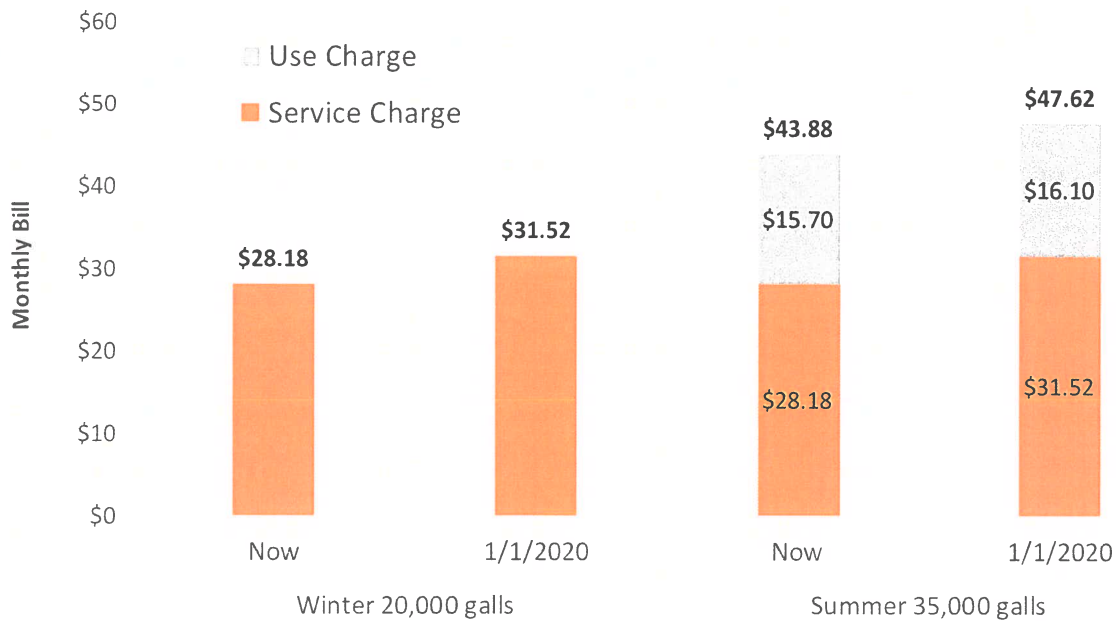
A higher than minimum cash balance at the end of five years would be prudent for the water fund because of the multiple number of CIP project planned in the next five years. Cash reserves can be used, if necessary, to pay for project cost overruns; it can also be used to pay off State loans early and complete other system rehabilitation projects not currently in the CIP.

2.5 BILL IMPACTS

2.5.1. Residential Bill Impacts

Bill impacts arising from new rates beginning January 2020 are illustrated for single family homes at different use levels in **Table 12** on page 30. During the winter, most homes would have an increase of \$3.34 per month. During the summer, most homes would have an increase of about \$4.00 per month. An illustration of bill impacts to a single-family home for winter and summer use is shown in **Figure 10** on the following page.

Figure 10
First Year Seasonal Bill Impacts for Single Family Home



The projection of a monthly bill for homes using 20,000 gallons is illustrated in **Figure 11** for the next five years.

Figure 11
Bill Impact for a Home using 20,000 Gallons

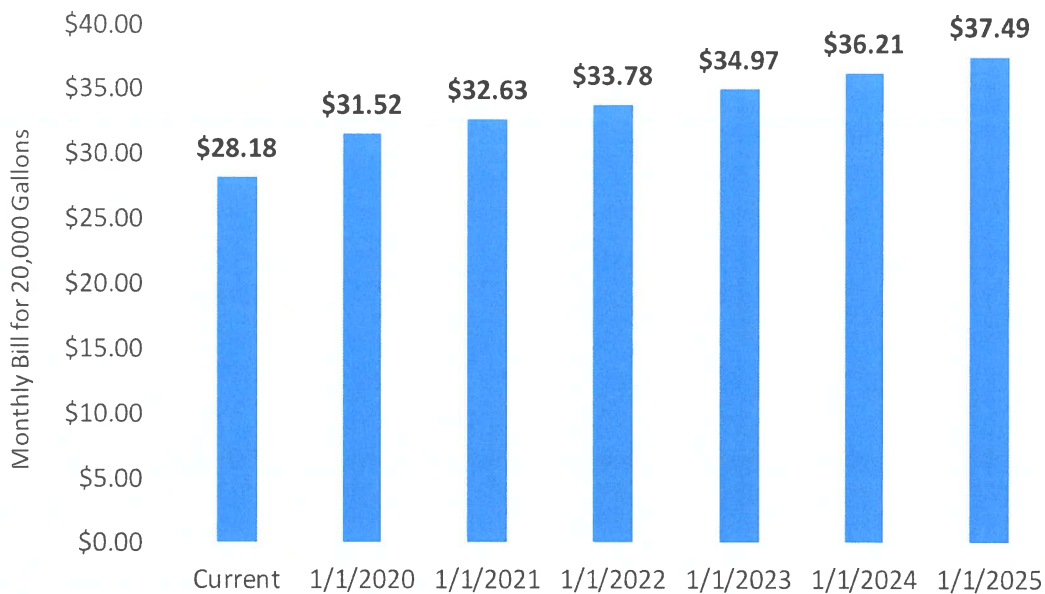


Table 12
Single Family Water Usage Monthly Bill Impacts

Monthly Use in Thousands of Gallons	Current			Total Monthly Bill	New Rates Jan. 2020			Total Monthly Bill	Difference New less Current
	Service Fee 1" and Smaller	Meter Fee	Use Charge > 25,000 galls		Service Fee 1" and Smaller	Meter Fee	Use Charge > 25,000 galls		
			<i>Rate per 1,000 galls</i>				<i>Rate per 1,000 galls</i>		
			<i>\$1.57</i>				<i>\$1.61</i>		
1	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
2	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
3	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
4	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
5	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
6	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
7	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
8	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
9	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
10	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
11	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
12	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
13	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
14	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
15	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
16	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
17	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
18	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
19	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
20	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
25	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
30	\$25.13	\$3.05	\$7.85	\$36.03	\$28.31	\$3.21	\$8.05	\$39.57	\$3.54
35	\$25.13	\$3.05	\$15.70	\$43.88	\$28.31	\$3.21	\$16.10	\$47.62	\$3.74
40	\$25.13	\$3.05	\$23.55	\$51.73	\$28.31	\$3.21	\$24.15	\$55.67	\$3.94
45	\$25.13	\$3.05	\$31.40	\$59.58	\$28.31	\$3.21	\$32.20	\$63.72	\$4.14
50	\$25.13	\$3.05	\$39.25	\$67.43	\$28.31	\$3.21	\$40.25	\$71.77	\$4.34

Source: HEC.

sf bill use

The SWRCB program bases its evaluation of affordability of water rates on two criteria:

1. The median household income (MHI) of the community compared to the State MHI, and
2. The percentage of MHI spent on water bills.

Generally, water rates are considered to be burdensome if they are greater than 2.0 percent of MHI. If a community's MHI is less than 80 percent of the State MHI, the community is considered "Disadvantaged", in which case a rate greater than 1.5 percent of MHI is considered burdensome. The City of Livingston meets the definition of Disadvantaged in 2019.

The affordability test is shown in **Table 13**. Under the calculated water rates for January 2020, a household using less than 25,000 gallons in a month would pay \$31.73, which is 0.72% of the estimated MHI for Livingston. The proposed water rates are, per the SWRCB definitions, affordable.

Table 13
Test of Water Bill Affordability

Item	Current Rates	Rates Jan 2020 [1]
Monthly Water Bill		
Monthly Median Household Income (MHI)	\$4,426.25	\$4,426.25
Monthly Water Bill < 25,000 Gallons	\$28.18	\$31.52
Average Monthly Water Bill as Percentage of MHI [2]	0.64%	0.71%
Median Household Income (MHI)		
Statewide California	\$67,169	
Estimated Livingston [3]	\$53,115	
Livingston MHI as a percentage of the State MHI [4]	79.1%	

Source: HEC, State Water Resources Control Board, and US Census Bureau.

aff

[1] Bills must be greater than or equal to 1.5% of MHI to qualify for Disadvantaged principal forgiveness.

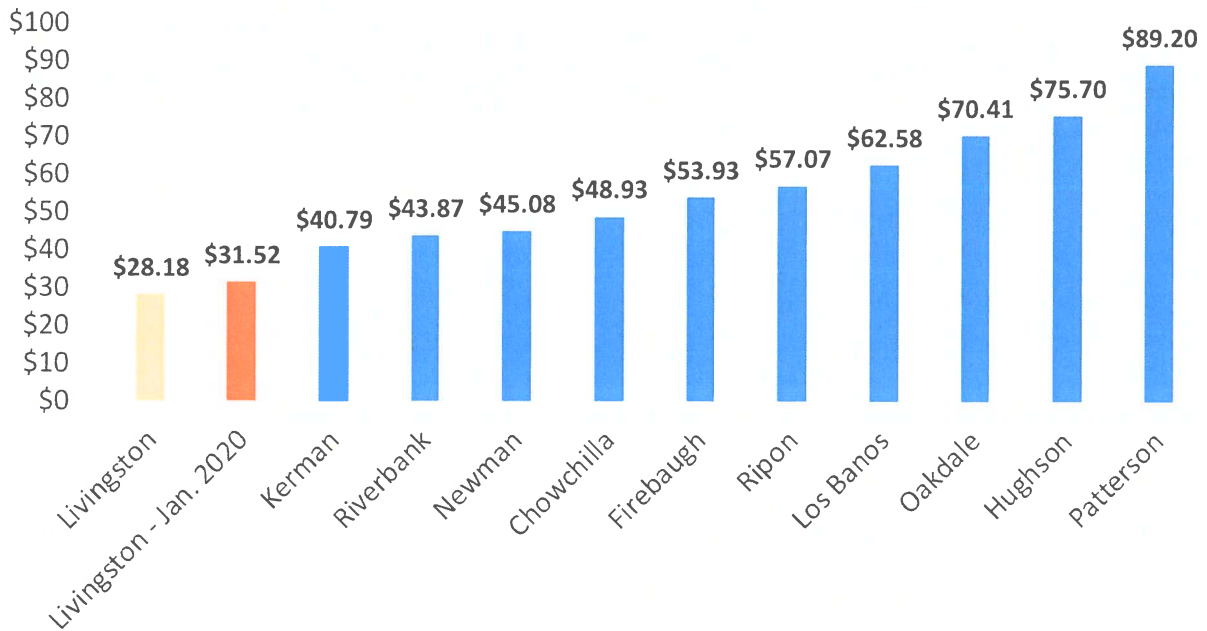
[2] Water bills that are 1.5% to 2.0% of MHI are considered affordable.

[3] 2017 5-year American Community Survey.

[4] Per SWRCB, community with an MHI <80% of the Statewide MHI is Disadvantaged. For a Disadvantaged Community to qualify for grant funding water rates must exceed 1.5% of the service area MHI.

Figure 12 on the next page displays a comparison of regional water bills for a single-family home using 20,000 gallons in a month. Note, however, that some of the comparison cities may be in the process of rate increases as well; this is a snapshot in time.

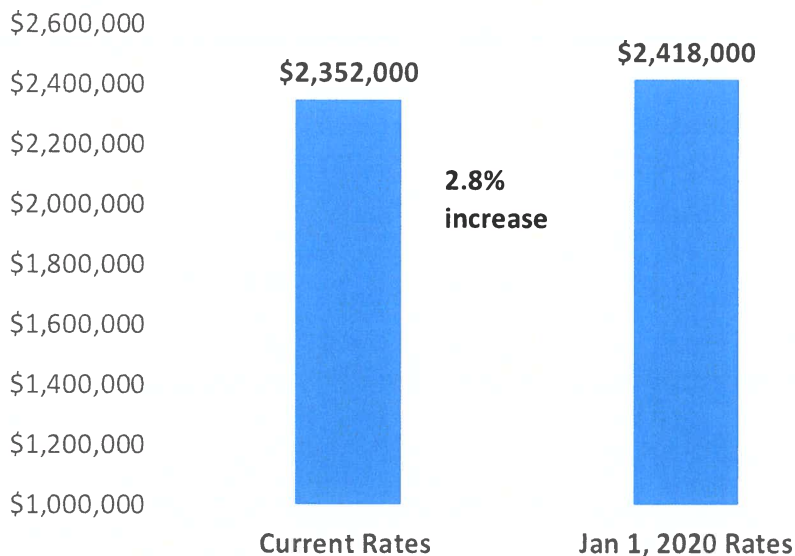
Figure 12
Comparison of Regional Water Bills



2.5.2. Non-Residential Bill Impacts

The effect of the January 2020 rate increase on the City’s largest nonresidential customer, Foster Farms, is shown in **Figure 13** below. The total annual bill would increase from approximately \$2.35 million to \$2.42 dollars, depending on actual water consumption. For other non-residential customers, the total water bills will increase approximately 4.25%, depending on the actual quantity of water used.

Figure 13
Impact of Year 1 Rate Increase on Foster Farms



Section 3: WASTEWATER RATE STUDY

The wastewater rate study was prepared using the principles established by the Water Environment Federation Manual of Practice No. 27 and guidelines prepared by the California State Water Resources Control Board for State Revolving Fund financing. This study uses the functional cost allocation methodology to determine rates³.

The following four steps outline how wastewater rates are calculated such that the monthly wastewater rates meet California’s legal requirements.

- 1. Establish the Wastewater Customer Base and User Characteristics** – Wastewater flow and strength data for each customer type is based on City flow measurements and industry standards.
- 2. Project the Revenue Requirement and Allocate to Collection and Treatment** – The revenue requirement analysis compares the revenues of the utility to its operating and capital costs to determine the adequacy of existing rates to recover the utility’s costs. Components of revenue requirement include capital improvement costs, system rehabilitation costs, operations and maintenance costs, debt service costs, and operating reserve costs. Non-rate revenue credited against the projected costs include interest income, fines and forfeits, and miscellaneous revenues.
- 3. Allocate Revenue Requirement based on Flow and Strength and Determine Unit Costs** – The revenue requirement is allocated based on flow and strength depending on the percentage distribution of operations and maintenance operations attributed to flow, biological oxygen demand (BOD),⁴ and total suspended solids (SS).⁵ Per unit revenue requirement for each projected year is determined by dividing the allocated revenue requirement by the demand for each customer type.
- 4. Determine Revenue Requirement by Customer Type** – Per unit costs from step 3 are multiplied by the flow and strength characteristics of each customer category to determine the annual cost by customer type.

3.1 THE WASTEWATER FUND AND ITS CUSTOMERS

3.1.1 Revenues.

The wastewater system is funded through monthly charges, fees, and investment earnings. The existing wastewater rate schedule of monthly charges is shown in **Table 14**.

³ Chapter 6, pages 110-120, Financing and Charges for Wastewater Systems, Manual of Practice No. 27.

⁴ BOD demand is the amount of dissolved oxygen needed by aerobic biological organisms in a body of water to break down organic material present in a given water sample at certain temperature over a specific time period. The term also refers to a chemical procedure for determining this amount.

⁵ Total SS is a measure of the combined content of all inorganic and organic substances contained in a liquid in molecular, ionized or micro-granular (colloidal sol) suspended form.

Table 14
Current Wastewater Rates Schedule

Customer Category		Monthly Rates
Flat Monthly Charges		
Residential Inside City	per unit	\$43.84
Residential Outside City	per unit	\$65.76
Churches/Temples/Comm. Ctrs	per account	\$42.28
Schools (with Cafeteria)	per student	\$1.46
Hotel / Motel	per room	\$17.22
Flat and Variable Monthly Charges		
Industrial Flat Charge	per account	\$43.84
Commercial Flat Charge	per account	\$43.84
Industrial Variable Charge [1]	per gallon	\$0.010417
Commercial Variable Charge [2]	per gallon	\$0.003837

Source: HEC.

curr

[1] Charge applied to the first 95% of total water use per month.

[2] Charge applied to the first 70% of total water use per month.

Flat monthly charges are paid by residential, church/temple/community center, school and hotel/motel customers. Industrial and commercial customers pay a flat monthly charge plus a use charge. The use charge is applied to water meter monthly readings multiplied by 95% for industrial customers, and 70% for commercial customers. The use charges are applied to a reduced water use to account for applications of water that do not enter the wastewater system.

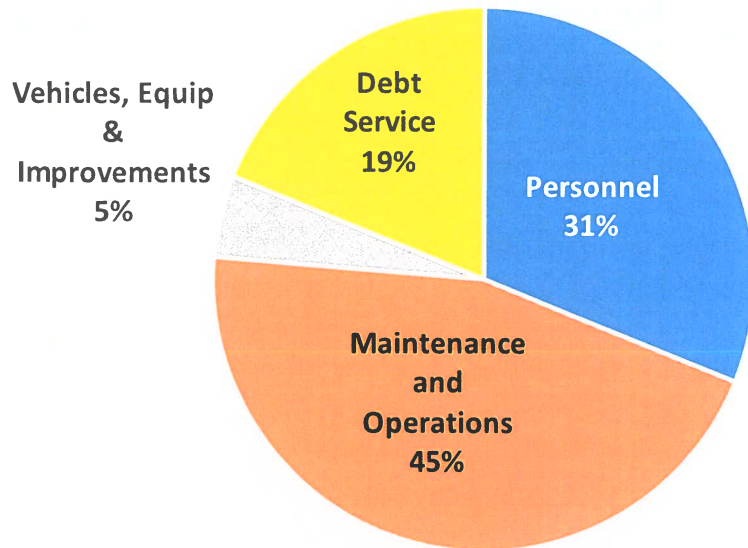
Flat monthly charges are applied to residential users per unit, to churches/temples/community centers, industrial and commercial customers per account, to schools per student, and to hotels/motels per room.

Wastewater fund revenues for the past three years are provided in **Appendix B Table B-1**.

3.1.2 Expenses.

Monthly wastewater bills pay for operating costs, including personnel costs, debt service, and vehicles, equipment and infrastructure replacement and improvements. **Figure 14** on the next page shows what monthly bills pay for. Wastewater fund expenses for the past three years are provided in **Appendix B Table B-2**.

Figure 14
Wastewater Fund Annual Expenses



For the last three years, the wastewater fund has generated sufficient revenues to pay for the costs of the wastewater system. **Table 15** on the next page shows that revenues are currently approximately \$2.31 million per year, while expenses are approximately \$1.89 million per year.

Table 15
Historical Wastewater Fund Revenues and Expenses

Revenues and Expenses	Fiscal Year Ending		
	2017	2018	2019
Revenues			
Intergovernmental	\$0	\$13,230	(\$3,035)
Charges for Services	\$2,038,750	\$2,078,675	\$2,198,789
Fines & Forfeits	\$24,803	\$28,702	\$22,417
Return on Use of Money/Property	\$16,694	\$20,976	\$22,119
Miscellaneous	\$10,988	\$41,847	\$66,466
Total Revenues	\$2,091,235	\$2,183,429	\$2,306,757
Expenses			
Personnel	\$422,346	\$543,621	\$630,284
Supplies	\$978,618	\$618,001	\$711,411
Maintenance and Operations	\$3,856	\$2,741	\$2,458
Vehicles, Equip & Improvements	\$42,348	\$64,278	\$142,046
Debt Service	\$247,046	\$271,950	\$448,450
Total Expenses	\$1,694,213	\$1,500,591	\$1,934,649
Net Revenue	\$397,022	\$682,838	\$372,108

Source: City of Livingston financials, provided November 2019.

net

RATE METHODOLOGY STEP 1

Establish the Wastewater Customer Base and User Characteristics

Figure 15 on the next page shows the percentage of wastewater customers by customer category. Residential customers comprise 96% of the wastewater system customer base. Commercial, light industrial and other customers (such as churches and schools) comprise the remaining 4% of the customer base. The current number of wastewater accounts by customer category is provided in **Appendix B Table B-3**.

The wastewater customers generate, on average, 1.12 million gallons per day in flow that is treated at the wastewater treatment plant. Flow is reasonably steady from year to year, growing with increased number of customers. Historical wastewater plant influent flow is shown in **Appendix B Table B-4**.

Figure 16 on the next page shows wastewater flows to the treatment plant for the last three years. Wastewater flows fluctuate from year to year with changes to the customer base and quantity of water consumed (that is not applied to landscapes).

Figure 15
Wastewater Customers by Category

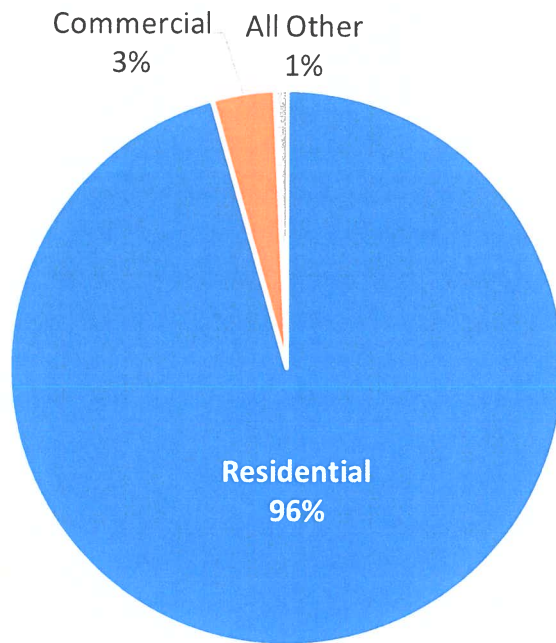
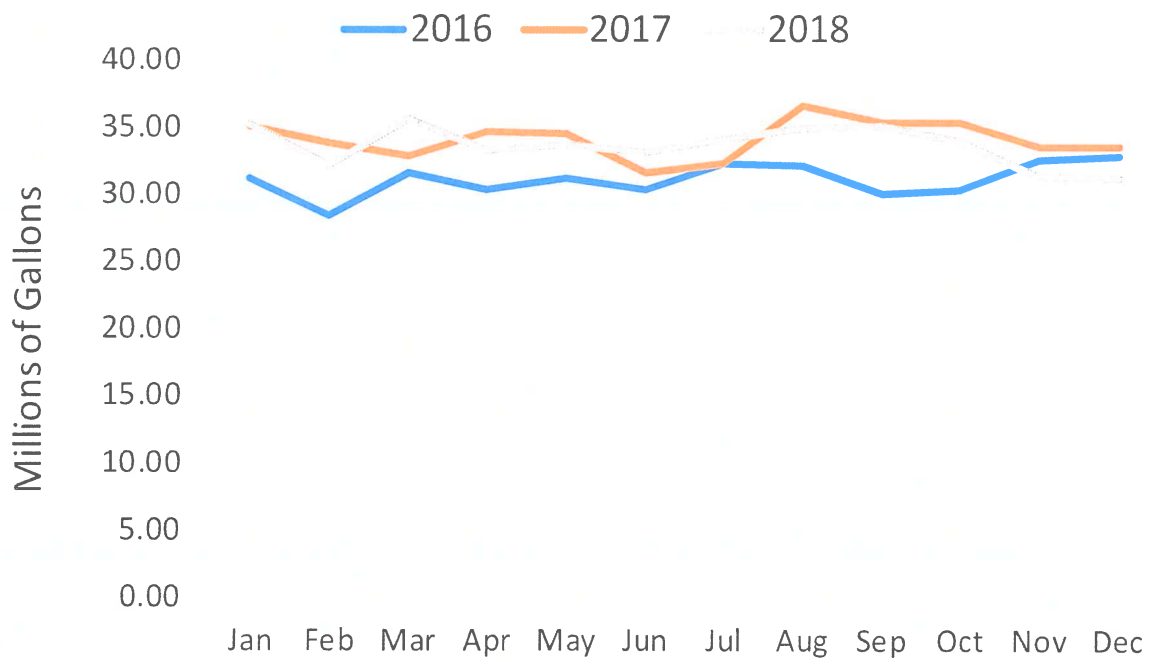


Figure 16
Wastewater Flow for the Last Three Years



The rate study allocates wastewater system costs to customer groups based on their user characteristics. The current number of wastewater customers and total calculated flow for each customer and customer category, BOD, and SS characteristics are summarized in **Table 16** on the following page.

About 80% of total annual flow is generated by residential customers and 20% by non-residential customers. Residential customers generated approximately 70% of the BOD and SS treated annually at the wastewater treatment plant. Generally, non-residential customers generate dirtier wastewater that requires greater costs to clean.

3.2 REVENUE REQUIREMENT

RATE METHODOLOGY STEP 2

Project the Revenue Requirement and Allocate to Collection and Treatment Costs

The revenue requirement is the amount to be raised by wastewater charges. The projection of the revenue requirement is the cornerstone for calculation of rates. This section explains the derivation of the revenue requirement for this Study.

Components of the revenue requirement include:

- Operating Expenses
- Capital Improvement and Debt Service
- System Rehabilitation

Non-wastewater sales revenue projections are credited against projected operations costs. Non-wastewater sales include interest income, fines and forfeits, and other miscellaneous revenues.

3.2.1 Operations Expenses

Operating expenses are projected based on fiscal year 2019 actual expenditures. Operating expenses include annual costs for personnel (including benefits), professional and contract services, treatment plant operations and maintenance, collection system and other wastewater facilities operations and maintenance, utilities, facilities equipment and other costs, and tools, subscriptions, and supplies. Operating expenses totaled \$1.34 million in fiscal year 2019. The rate study increases each of the operating cost categories over the next five years in anticipation of cost increases.

Personnel costs are increased 6.0% per year, utilities at 4.0% per year, and other costs between 2.5% and 3.5% per year.

3.2.2 Capital Improvements and Debt Service

Anticipated capital improvement expenses over the next five years include upgrades of the biosolids dewatering equipment at the treatment plant, as well as replacement of the SCADA tower. The collection system improvements include lift station rehabilitation, sewer line replacement, and vehicles. The CIP was provided in 2019 dollars (see **Appendix Table B-5**) and inflated to future dollars as shown in **Table 17**.

**Table 16
Wastewater User Characteristics**

Customer Category	Billing Basis	No. Billing Units (A)	Wastewater Characteristics					Treatment Capacity/Load				Annual Capacity/Load					
			Flow GPD (B)	BOD MG/L (C)	SS MG/L (D)	Avg. Day Dry Weather Flow (MGD) (E)=(A)x(B)/1000000	BOD Lbs/Day (F)=(C)x(E)x8.34	SS Lbs/Day (G)=(D)x(E)x8.34	Flow MG (H)=(E)x365	BOD Lbs/Year (I)=(C)x(H)x8.34	SS Lbs/Year (J)=(D)x(H)x8.34						
Residential																	
Detached	Unit	3,116	250	250	250	0.78	1,624.22	1,624.22	284.3	592,838	592,838	284.3	592,838	592,838			
Attached	Unit	576	220	250	250	0.13	264.21	264.21	46.3	96,437	96,437	46.3	96,437	96,437			
Non-Residential																	
Churches/Temples/Comm. Ctrs.	Account	16	285	155	170	0.00	5.89	6.47	1.7	2,152	2,152	1.7	2,152	2,152			
Schools (with cafeteria)	Student	3,707	20	230	165	0.07	142.22	102.02	13.3	25,599	18,364	13.3	25,599	18,364			
Hotel/Motel	Room	93	100	350	500	0.01	27.15	38.78	3.4	9,909	14,155	3.4	9,909	14,155			
Light Industrial	Account	1	24,000	1,000	800	0.02	200.16	160.13	8.8	73,058	58,447	8.8	73,058	58,447			
Commercial	Account	119	850	525	650	0.10	442.89	548.33	36.9	161,653	200,142	36.9	161,653	200,142			
TOTAL						1.12	2,706.73	2,744.16	394.7	961,646	982,743	394.7	961,646	982,743			

Source: City of Livingston May 2019, and HEC. char

**Table 17
Inflated Wastewater CIP**

Capital Project	Funding Source	Fiscal Year Ending					
		2020	2021	2022	2023	2024	2025
Treatment Plant					3.5%		
Biosolids Dewatering Equipment	Rates	\$300,000	\$207,000	\$0	\$0	\$0	\$0
SCADA Tower	Rates	\$15,000	\$0	\$0	\$0	\$0	\$0
Total Treatment Plant		\$315,000	\$207,000	\$0	\$0	\$0	\$0
Collection System							
Lift Station Rehabilitation (Singh & Burgandy)	Rates	\$100,000	\$103,500	\$0	\$0	\$0	\$0
Sewer Line Replacement [1]	Grant	\$0	\$2,898,000	\$0	\$0	\$0	\$0
Additional Sewer Line Replacement	Rates	\$0	\$0	\$214,245	\$665,231	\$745,890	\$831,380
New Disc & Ripper Tractor	Rates	\$0	\$222,525	\$0	\$0	\$0	\$0
New Vac-On Sewer Truck	Rates	\$0	\$0	\$374,929	\$0	\$0	\$0
Total Collection System		\$100,000	\$3,224,025	\$589,174	\$665,231	\$745,890	\$831,380
Total Wastewater System		\$6,677,700	\$415,000	\$3,431,025	\$589,174	\$665,231	\$745,890
Funded by Grants		\$2,898,000	\$0	\$2,898,000	\$0	\$0	\$0
Funded by Rates		\$3,779,700	\$415,000	\$533,025	\$589,174	\$665,231	\$831,380
Funded by Loan		\$0	\$0	\$0	\$0	\$0	\$0

Source: City of Livingston Public Works May 2019.

inf cip

[1] The City anticipates that this cost will be funded by a CDBG grant.

Of the total \$6.68 million in the CIP, the City anticipates \$2.90 million will be funded by a Community Development Block Grant. The remaining \$3.78 million would be funded by wastewater rates and the projects would be funded on a pay-as-you-go basis.

No new debt is anticipated to be necessary over the next five years; however, the City does have existing wastewater system debt. The debt was refunded in 2016 with savings to the wastewater customers. The remaining debt payments are provided in **Appendix B Table B-6**. Debt service is about \$450,000 per year.

3.2.3 System Rehabilitation

All of the capital improvement plan is for system rehabilitation. As such, there is no additional collection included in the rates for depreciation. The City’s current wastewater assets and estimated annual depreciation cost through the study period is provided in **Appendix B Table B-7** (with support **Table B-8**).

The projected revenue requirement is provided in **Table 18**. Included in the projection is an adjustment to allow for variances from year to year for non-residential use as well as delinquencies. The revenue requirement is projected to increase from \$1.81 million in fiscal year 2019 to \$3.04 million in fiscal year 2025. Currently, the City raises \$2.20 million in user fees. The rate study smooths out rate increases each year so that the amount to be collected from rates increases to \$2.48 million in 2020 and \$3.25 million in 2025.

Table 18
Projected Revenue Requirement for Wastewater

Expenses	inflatior	Fiscal Year Ending						
		2019	2020	2021	2022	2023	2024	2025
			Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Operating Expenses								
Personnel	6.0%	\$630,284	\$668,101	\$708,187	\$750,678	\$795,719	\$843,462	\$894,070
Professional & Contract Services	3.0%	\$95,330	\$98,190	\$101,136	\$104,170	\$107,295	\$110,514	\$113,829
Treatment Plant O&M	3.5%	\$51,286	\$53,081	\$54,939	\$56,862	\$58,852	\$60,912	\$63,044
Collection & Facilities O&M	3.5%	\$53,971	\$55,860	\$57,815	\$59,838	\$61,933	\$64,100	\$66,344
Utilities	4.0%	\$239,258	\$248,828	\$258,781	\$269,133	\$279,898	\$291,094	\$302,737
Facilities, Equipment & Other O&M	3.5%	\$65,969	\$68,278	\$70,667	\$73,141	\$75,701	\$78,350	\$81,092
Tools, Subscriptions, Supplies	2.5%	\$208,055	\$213,256	\$218,588	\$224,052	\$229,653	\$235,395	\$241,280
Total Operating Expenses		\$1,344,153	\$1,405,594	\$1,470,113	\$1,537,874	\$1,609,051	\$1,683,827	\$1,762,396
Debt Service								
Series 2016A Refunding		\$448,450	\$451,250	\$448,650	\$445,850	\$447,850	\$449,450	\$450,650
New Debt Service		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Debt Service		\$448,450	\$451,250	\$448,650	\$445,850	\$447,850	\$449,450	\$450,650
System Rehabilitation and New Projects								
Equipment & Vehicle Purchases	constant	\$142,046	\$50,000	\$272,525	\$424,929	\$50,000	\$50,000	\$50,000
Cash-Funded Capital Projects			\$415,000	\$310,500	\$214,245	\$665,231	\$745,890	\$831,380
Subtotal System Rehab. And New Projects		\$142,046	\$465,000	\$583,025	\$639,174	\$715,231	\$795,890	\$881,380
Addition to Operating Reserve			\$50,000	\$50,000	\$50,000	\$0	\$0	\$0
Additional Collection for Depreciation			\$0	\$0	\$0	\$0	\$0	\$0
Total Costs		\$1,934,649	\$2,371,844	\$2,551,788	\$2,672,898	\$2,772,132	\$2,929,167	\$3,094,427
Fixed	70%	\$1,326,037	\$1,743,292	\$1,902,616	\$2,002,402	\$2,079,585	\$2,213,814	\$2,355,488
Variable	30%	\$608,612	\$628,552	\$649,172	\$670,495	\$692,547	\$715,353	\$738,939
Credits								
Intergovernmental	[1]	(\$3,035)	\$0	\$0	\$0	\$0	\$0	\$0
Charges for Services	[1]	\$16,464	\$0	\$0	\$0	\$0	\$0	\$0
Fines & Forfeits	constant	\$22,417	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000
Return on Use of Money	constant	\$22,119	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Miscellaneous	constant	\$66,466	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Total Credits		\$124,431	\$54,000	\$54,000	\$54,000	\$54,000	\$54,000	\$54,000
Total Revenue Requirement		\$1,810,217	\$2,317,844	\$2,497,788	\$2,618,898	\$2,718,132	\$2,875,167	\$3,040,427
Adjustment [2]			\$161,050	\$173,553	\$181,969	\$188,864	\$199,775	\$211,258
Estimated Revenue Requirement			\$2,478,894	\$2,671,341	\$2,800,866	\$2,906,995	\$3,074,942	\$3,251,684

Source: City of Livingston Financials provided September 2019, and HEC.

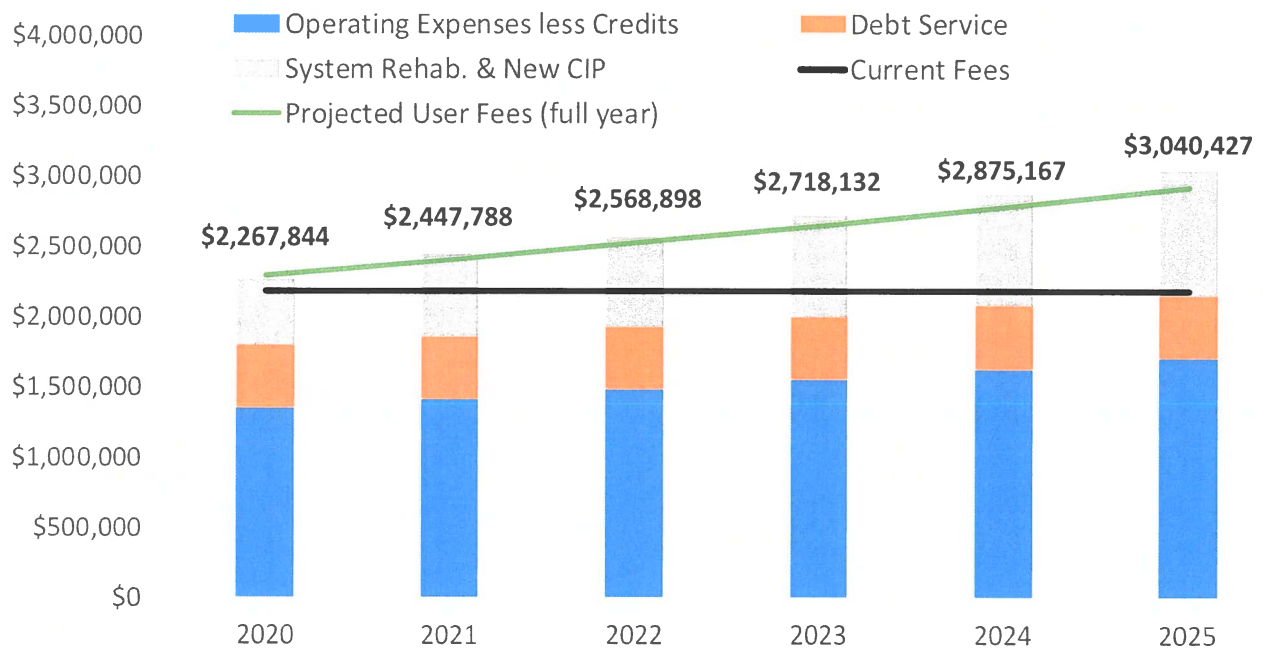
rev req

[1] Infrequent, one-time revenues.

[2] Includes allowance for variances year to year for non-residential use as well as delinquencies.

Figure 17 on the next page shows the current fee collections, projected fee collections and components of revenue requirement for the next five years.

Figure 17
Projected Revenue Requirement and Fee Collections



3.3 WASTEWATER RATE CALCULATIONS

All of the tables in this section show the calculations for the first year of the analysis, fiscal year 2019-20 to illustrate how the rates are calculated. The same cost allocation methodology is used for all years considered in this analysis.

RATE METHODOLOGY STEP 3

Allocate Revenue Requirement based on Flow and Strength and Determine Unit Costs

The cost to treat wastewater is a function of the total volume (“flow”) and the level of pollutants (“strength”) of the wastewater discharged by a customer.

Costs are allocated to customer categories as follows:

- A. Allocate the costs (by Cost Category) to flow, BOD and SS
- B. Determine the Unit Cost by Cost Category

Each of these steps is described in greater detail below.

A. Cost Allocation to Flow, BOD, and SS

Costs are first allocated between treatment and collection functions of the wastewater system, as shown in **Table B-9**. Then, costs are allocated to flow, BOD, and SS based on percentage allocation or distribution factors. These percentage allocation factors are based on the estimated distribution

of the treatment and collection facilities operations and maintenance (O&M) activities between or related to flow, BOD, and SS.

B. Unit Cost by Cost Category

The allocated costs are then divided by total annual capacity from **Table 16. Table B-10** in Appendix B shows the calculation of unit costs by cost category for flow, BOD, and SS. Collection costs are strictly related to flow and therefore 100 percent of the collection costs are allocated to flow. The offsetting revenues are allocated by cost category for flow, BOD and SS using the subtotal percentages from the collection and treatment cost allocations.

RATE METHODOLOGY STEP 4

Determine Revenue Requirement by Customer Type

The unit costs determined in **Table B-10** are multiplied by the flow, BOD, or SS for each customer type. These costs are then summed to determine the total costs allocated to each customer type. **Table B-11** in Appendix B shows the cost allocated to flow, BOD, and SS by customer category for fiscal year ending 2020.

Treatment Cost per Thousand Gallons

Total allocated costs to each customer category are shown in **Appendix B Table B-12**. Residential customers are responsible for 80% of the total costs. Commercial customers are responsible for 12% of the cost, and all other customer categories are responsible for 8% of the total cost.

Total treatment cost per thousand gallons is greatest for the highest strength customers (which are in the light industrial customer category) and lowest for churches/temples/community centers, which have the lowest strength wastewater. This is illustrated in **Figure 18**.

**Figure 18
Calculated Cost per Thousand Gallons**

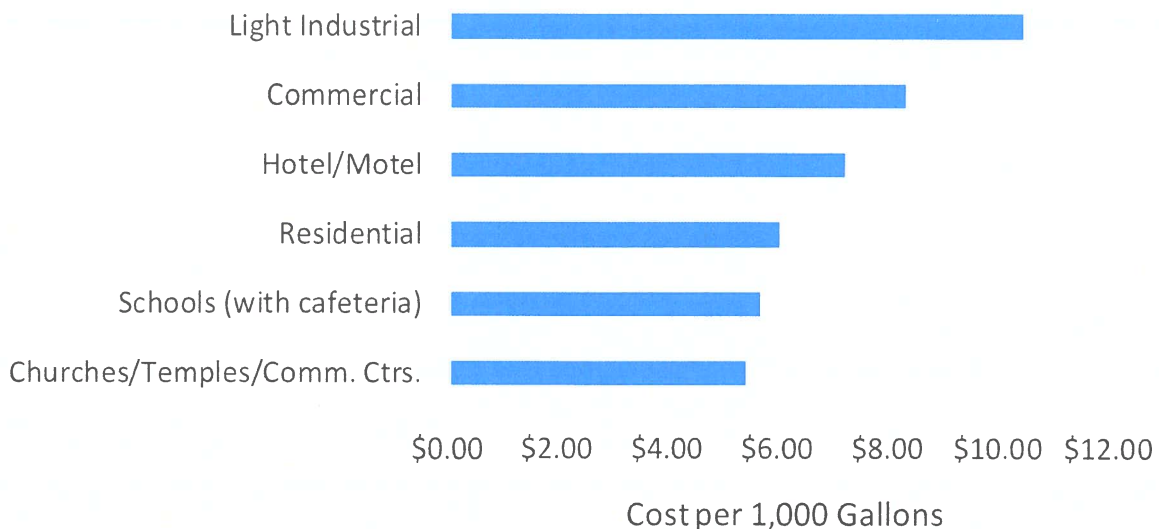


Table 19 on the following page presents the calculated rates for fiscal year ending 2020. The total allocated costs to each customer category provide the basis for the rates. All residential customers will pay for wastewater on a per unit basis. Schools will pay per student. Hotels/motels will pay monthly rates per room. Commercial wastewater customers will pay a flat monthly charge per account and flow charges based on 70% of their metered potable water use each month. Light industrial users will pay a flat monthly charge per account and flow charges based on 95% of their metered potable water use each month.

Table 20 shows the calculated rates for the next five years. The rates take into account anticipated additional growth within the City (shown in **Appendix B Table B-13**). Since 2014, the City has experienced growth in the number of commercial customers and types of commercial customer. The shift in the customer base, as well as updated cost allocation factors used in the rate calculations, results in calculated fees that are slightly lower than current fees for variable charges for light industrial customers. To smooth out the difference between current and January 2021 rates, the rate study takes the midpoint for light industrial variable rate, and for the residential, light industrial and commercial base rates which would otherwise experience a greater jump between 2020 and 2021.

The proposed schedule of rates shown in **Table 21** increases rates for all customer categories in January 2020.

Table 19
Calculated Rates by Customer Category – Fiscal Year 2020

Customer Category	Billing Basis	No. Billing Units	Allocated Cost	Base 70%	Flow 30%	Annual Cost per Billing Unit		Monthly Cost	
						Base	Flow	Base	Use
Residential	Unit	3,692	\$1,974,414	\$1,382,090	\$592,324	\$374.35	\$160.43	\$534.78	\$44.57
Non-Residential									
Churches/Temples/Comm. Ctrs.	Account	16	\$8,948	\$6,264	\$2,685	\$391.49	\$167.78	\$559.28	\$46.61
Schools (with cafeteria)	Student	3,707	\$74,967	\$52,477	\$22,490	\$14.16	\$6.07	\$20.22	\$1.69
Hotel/Motel	Room	93	\$24,297	\$17,008	\$7,289	\$182.88	\$78.38	\$261.26	\$21.77
Light Industrial	Account	1	\$91,135	\$535	\$90,600	\$534.78		\$534.78	\$0.010342
Commercial	Account	119	\$305,132	\$63,639	\$241,493	\$534.78		\$534.78	\$0.006541
TOTAL			\$2,478,894	\$1,522,013	\$956,881				

Source: 2019 HEC wastewater rate study.

calc

**Table 20
Calculated Wastewater Rates**

Customer Category	Billing Basis	Current Rates Effective ---->	FY 2019/20		FY 2020/21		FY 2021/22		FY 2022/23		FY 2023/24		FY 2024/25	
			Jan. 2020	Jan. 2020	Jan. 2021	Jan. 2021	Jan. 2022	Jan. 2022	Jan. 2023	Jan. 2023	Jan. 2024	Jan. 2024	Jan. 2025	Jan. 2025
Residential	per unit	\$43.84	\$44.57	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46						
Non-Residential														
Churches/Temples/Comm. Ctrs.	per account	\$42.28	\$46.61	\$50.22	\$52.66	\$54.66	\$57.81	\$61.14						
Schools (with cafeteria)	per student	\$1.46	\$1.69	\$1.82	\$1.90	\$1.98	\$2.09	\$2.21						
Hotel/Motel	per room	\$17.22	\$21.77	\$23.46	\$24.60	\$25.53	\$27.01	\$28.56						
Light Industrial (Base)	per account	\$43.84	\$44.57	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46						
Commercial (Base)	per account	\$43.84	\$44.57	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46						
Variable Charges for Non-Residential Only														
Light Industrial	per gallon	\$0.010417	\$0.010342	\$0.011145	\$0.011686	\$0.012129	\$0.012829	\$0.013567						
Commercial	per gallon	\$0.003837	\$0.006541	\$0.007049	\$0.007391	\$0.007671	\$0.008114	\$0.008580						
														sum

Source: 2019 HEC rate study.

**Table 21
Proposed Wastewater Rates**

Customer Category	Billing Basis	Current Rates Effective --->	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25
			Jan. 2020	Jan. 2021	Jan. 2022	Jan. 2023	Jan. 2024	Jan. 2025
Residential	per unit	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Non-Residential								
Churches/Temples/Comm. Ctrs.	per account	\$42.28	\$46.61	\$50.22	\$52.66	\$54.66	\$57.81	\$61.14
Schools (with cafeteria)	per student	\$1.46	\$1.69	\$1.82	\$1.90	\$1.98	\$2.09	\$2.21
Hotel/Motel	per room	\$17.22	\$21.77	\$23.46	\$24.60	\$25.53	\$27.01	\$28.56
Light Industrial (Base)	per account	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Commercial (Base)	per account	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Variable Charges for Non-Residential Only								
Light Industrial [1]	per gallon	\$0.010417	\$0.010781	\$0.011145	\$0.011686	\$0.012129	\$0.012829	\$0.013567
Commercial [2]	per gallon	\$0.003837	\$0.006541	\$0.007049	\$0.007391	\$0.007671	\$0.008114	\$0.008580

Source: 2019 HEC rate study. summ

[1] Charge applied to the first 95% of total water use per month.

[2] Charge applied to the first 70% of total water use per month.

3.4 CASH FLOW AND FUND BALANCE

The projected cash flow, with revenues that are based on the proposed wastewater rates presented in **Table 21**, is shown in **Table 22**.

Table 22
Projected Cash Flow for the Wastewater Fund

Revenues and Expenses	Fiscal Year Ending					
	2020	2021	2022	2023	2024	2025
Revenues	<i>Each fiscal year has 7 months under the 'old' rates and 5 months under the 'new' rates</i>					
User Fees	\$2,266,108	\$2,447,159	\$2,603,110	\$2,755,330	\$2,923,501	\$3,135,241
Fines & Forfeits	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000
Return on Use of Money	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Miscellaneous	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Subtotal Revenues	\$2,320,108	\$2,501,159	\$2,657,110	\$2,809,330	\$2,977,501	\$3,189,241
Operating Expenses	\$1,405,594	\$1,470,113	\$1,537,874	\$1,609,051	\$1,683,827	\$1,762,396
Net Income before Debt Service	\$914,514	\$1,031,046	\$1,119,236	\$1,200,280	\$1,293,674	\$1,426,844
Debt Service	\$451,250	\$448,650	\$445,850	\$447,850	\$449,450	\$450,650
<i>Debt Service Coverage</i>	<i>2.03</i>	<i>2.30</i>	<i>2.51</i>	<i>2.68</i>	<i>2.88</i>	<i>3.17</i>
System Rehabilitation and New Projects	\$465,000	\$583,025	\$639,174	\$715,231	\$795,890	\$881,380
Net Revenue	(\$1,736)	(\$629)	\$34,212	\$37,199	\$48,334	\$94,814
Beginning Balance [1]	\$928,571	\$926,835	\$926,206	\$960,418	\$997,617	\$1,045,950
Net Revenue	(\$1,736)	(\$629)	\$34,212	\$37,199	\$48,334	\$94,814
Ending Balance	\$926,835	\$926,206	\$960,418	\$997,617	\$1,045,950	\$1,140,764
Restricted Cash	\$451,850	\$451,850	\$451,850	\$451,850	\$451,850	\$451,850
Est. Ending Unrestricted Cash Balance	\$474,985	\$474,356	\$508,568	\$545,767	\$594,100	\$688,914
Target Ending Balance [2]	\$468,531	\$490,038	\$512,625	\$536,350	\$561,276	\$587,465

Source: City of Livingston September 2019 financials and HEC.

flow

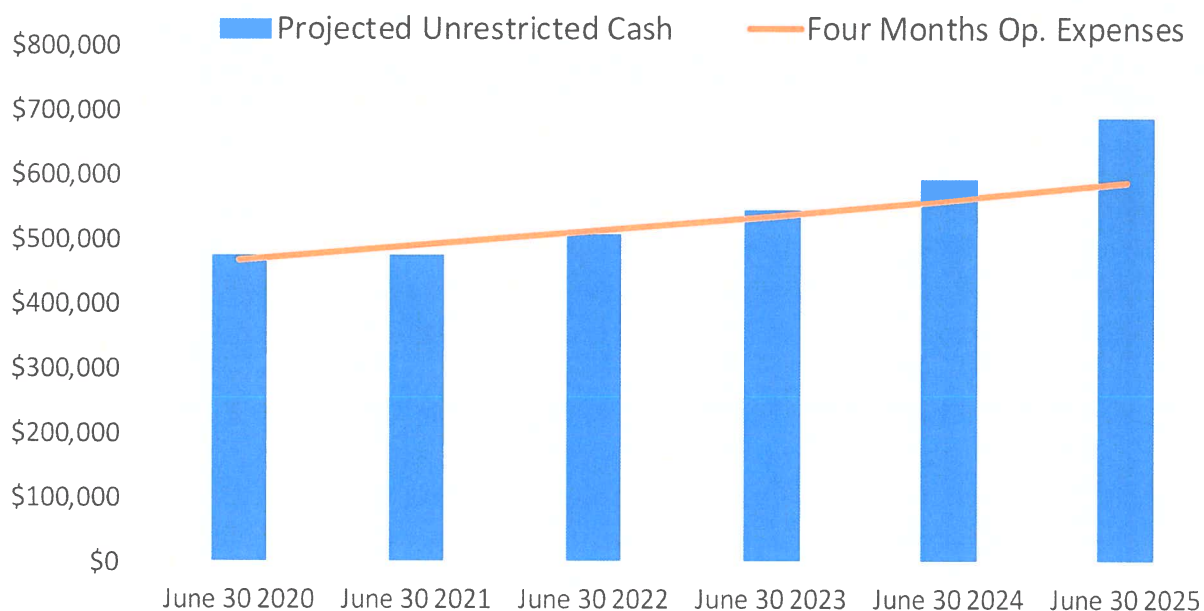
[1] Cash and investments as of July 1, 2019.

[2] Four months of operating expenses.

The projected wastewater fund ending cash balances are shown in **Figure 19** on the next page. Note that although the total cash balance is projected to be greater than illustrated, one year of debt service must be restricted making this cash unavailable for any other purpose.

The target cash balance is four months of operating expenses. If cash accumulation is greater than projected, the City would be able to accelerate sewer main replacements.

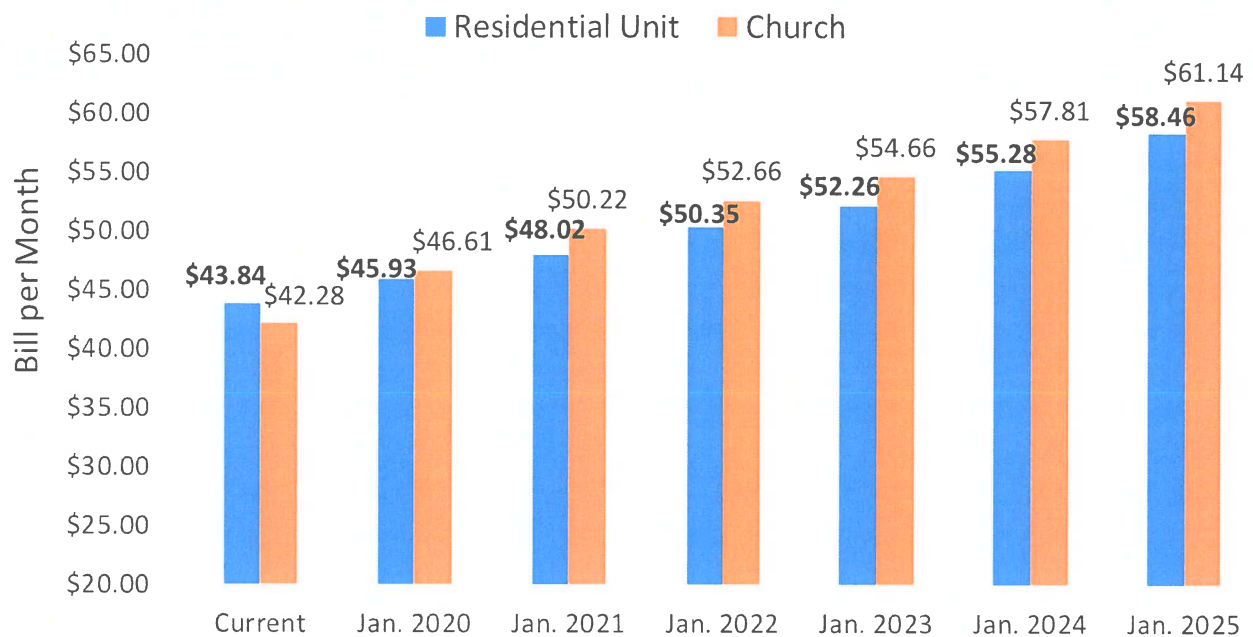
Figure 19
Projected Wastewater Cash Balance



3.5 BILL IMPACTS

Figure 20 illustrates the impact of the new rate schedule on a residential unit and a church. Currently, the monthly rate for churches is a little lower than for a residential unit but in the calculated future rates schedule the monthly charge to a church is greater than the monthly charge to a residential unit. This is because the rate study cost of service analysis assigns greater cost to the churches category in 2019 than it did in 2014. The cost allocation methodology for assigning costs to churches, and all customer categories, was updated following a review of BOD and SS parameters used in fifteen other California communities since 2014.

Figure 20
Bill Impact to a Residential Unit and a Church



Residential monthly wastewater bills are compared in **Figure 21** with other regional wastewater providers. The graph shows that Livingston’s monthly wastewater bill for a home is and will remain in the middle of the range with neighboring and regional cities.

3.5.1 Affordability

The SWRCB also administers the California Clean Water SRF (CWSRF) program and evaluates the affordability of wastewater rates on the same two criteria as water rates.

As shown in **Table 23**, under the calculated wastewater rates for January 2020, a household would pay \$45.93 each month, which is 1.04 percent of the estimated median household income for Livingston. The proposed wastewater rates are, per the SWRCB definitions, affordable.

Figure 21
Comparison of Monthly Residential Wastewater Bills

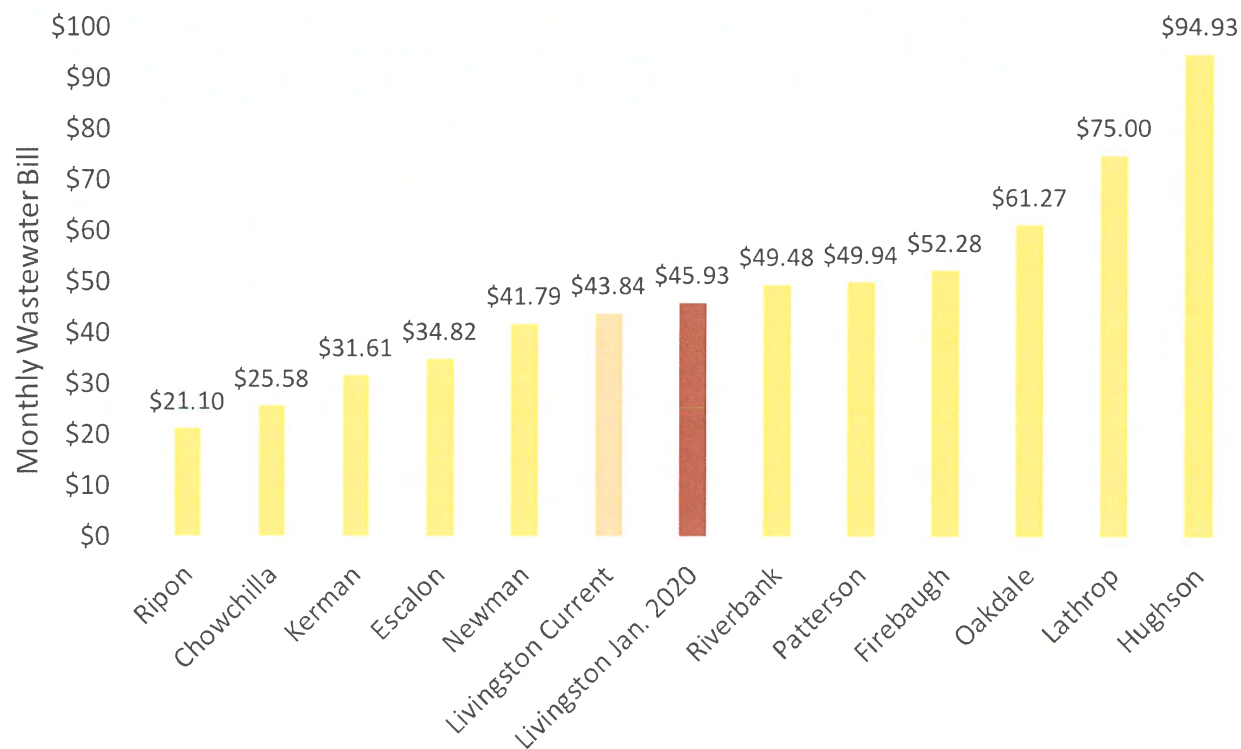


Table 23
Test of Wastewater Bill Affordability

Item	Current Rates	Rates Jan. 2020 [1]
Monthly Water Bill		
Monthly Median Household Income (MHI)	\$4,426.25	\$4,426.25
Monthly Wastewater Bill	\$43.84	\$45.93
Average Monthly Bill as Percentage of MHI [2]	0.99%	1.04%
Median Household Income (MHI)		
Statewide California	\$67,169	
Estimated Livingston [3]	\$53,115	
Livingston MHI as a percentage of the State MHI [4]	79.1%	

Source: HEC, State Water Resources Control Board, and US Census Bureau.

aff

[1] Bills must be greater than or equal to 1.5% of MHI to qualify for Disadvantaged principal forgiveness.

[2] Bills that are 1.5% to 2.0% of MHI are considered affordable.

[3] 2017 5-year American Community Survey.

[4] Per SWRCB, community with an MHI <80% of the Statewide MHI is Disadvantaged. For a Disadvantaged Community to qualify for principal forgiveness must exceed 1.5% of the service area MHI.

3.5.2 Non-Residential Bill Impacts

Figure 22 illustrates the annual impact of the January 2020 rate increase to a randomly selected convenience store and a randomly selected hotel. **Figure 23** illustrates the annual impact of the rate increase on the Livingston Middle School and a randomly selected gas station.

Figure 22
Impacts on a Convenience Store and a Hotel

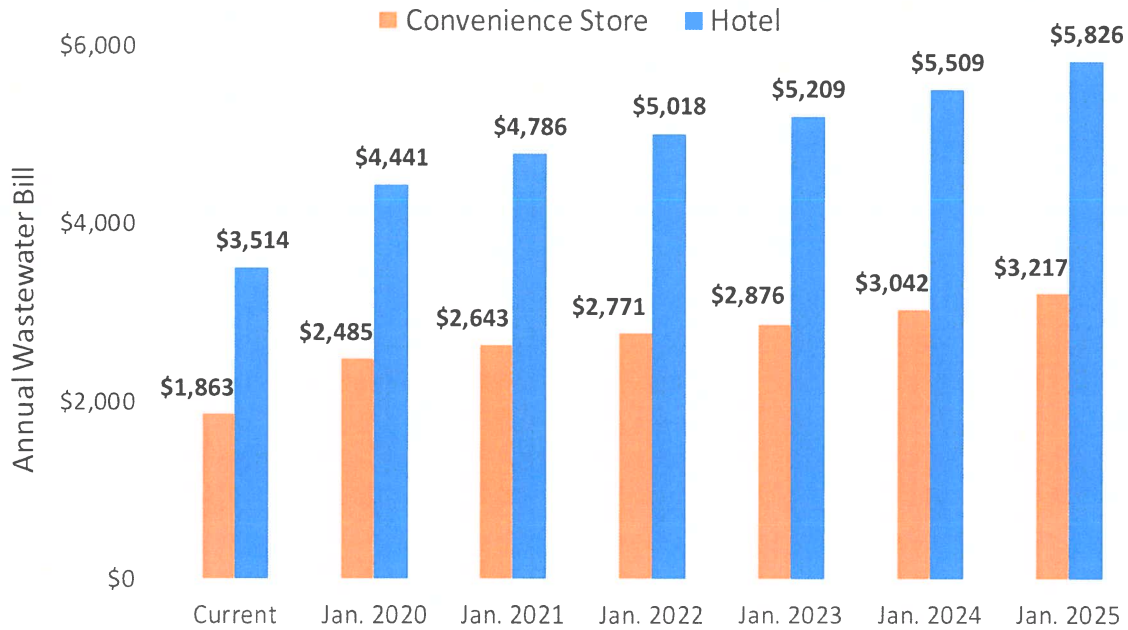
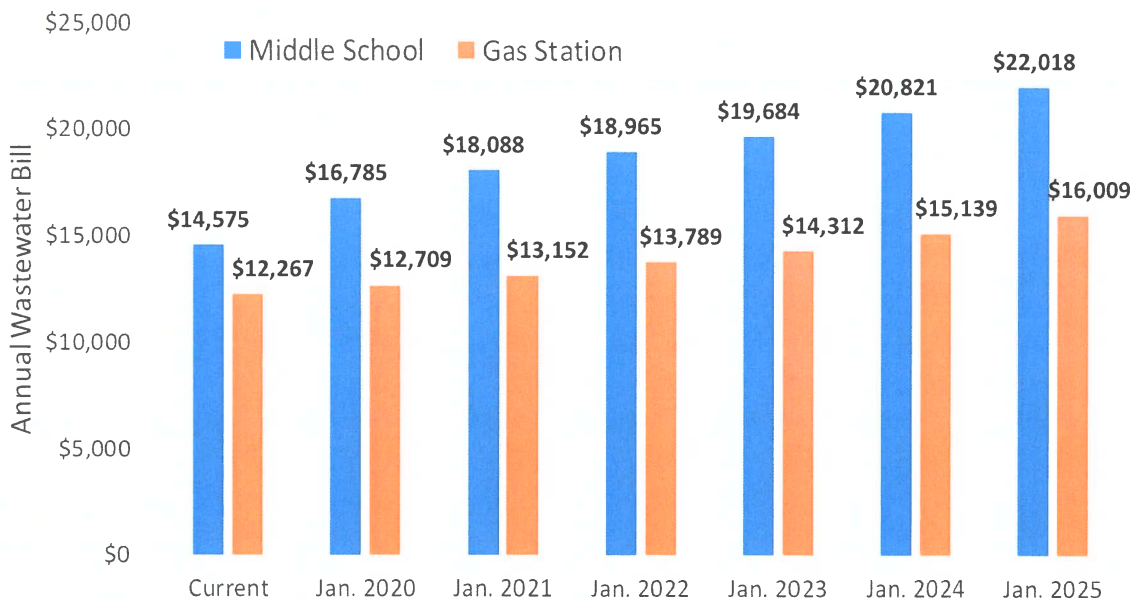


Figure 23
Impacts on a Gas Station and Livingston Middle School



Section 4: SOLID WASTE RATE STUDY

Solid waste service in Livingston is provided by Gilton under an exclusive solid waste collection franchise agreement. The agreement requires solid waste collection at least once a week to all residential customers and more frequently to commercial and industrial customers if needed. The solid waste is disposed at landfills in Merced County.

4.1 THE SOLID WASTE FUND AND ITS CUSTOMERS

The solid waste fund pays for the services provided by Gilton, landfill disposal costs, street sweeping (conducted by City staff, not Gilton), City staff costs to administer and manage both services, and associated City costs.

Historical sanitation fund revenues and expenses are shown in **Table 24**. The fund has been able to cover expenses for each of the past three years. Detail of revenues is provided **Appendix C Table C-1**. Detail of expenses is provided in **Table C-2**.

Table 24
Historical Sanitation Fund Revenues and Expenses

Expenses and Revenues	Fiscal Year Ending		
	2017	2018	2019
	actual	actual	actual
Revenues			
Intergovernmental	\$10,000	\$14,702	\$1,965
Charges for Services	\$1,371,342	\$1,386,815	\$1,417,249
Fines & Forfeitures	\$15,229	\$17,733	\$15,595
Return on Use of Money/Property	\$1,476	\$7,549	\$10,875
Miscellaneous	\$3,487	\$10,019	\$6,061
Subtotal Revenues	\$1,401,534	\$1,436,818	\$1,451,745
Expenses			
Personnel	\$91,307	\$180,716	\$177,295
Disposal Contract Services	\$907,749	\$919,518	\$997,084
Maintenance & Operations	\$97,734	\$75,308	\$91,808
Vehicles, Equip. Improvements	\$788	\$3,791	\$0
Subtotal Expenses	\$1,097,578	\$1,179,333	\$1,266,188
Net Operating Income	\$303,956	\$257,485	\$185,557

Source: City of Livingston financials November 2019.

net

Almost all of the revenues for solid waste provision is generated by monthly user rates. The current rate schedule is shown in **Table 25**. The table shows n/a for services that currently do not have any customers but that Gilton has provided the City a cost for. Current charges for service by Gilton are provided in **Appendix C Table C-3**.

Table 25
Current Sanitation Fund Rates

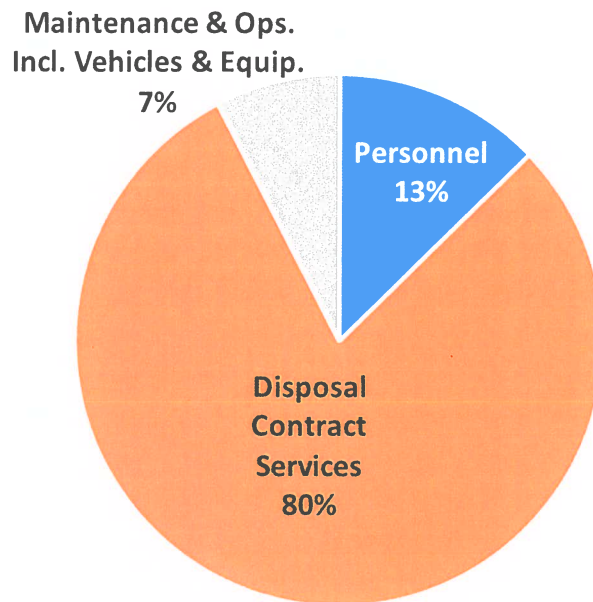
Collections per Week	Current City Rates				
	x1	x2	x3	x4	x5
Residential					
96 gal. cart	\$25.16				
Add'l cart	\$5.97				
96 gal. cart greenwaste	\$1.33				
Add'l greenwaste cart	\$5.97				
Multi-Family & Comm'l					
1 CY	\$47.36	\$93.90	n/a	n/a	n/a
2 CY	\$94.41	\$187.14	n/a	n/a	n/a
3 CY	\$139.86	\$264.56	\$398.63	n/a	n/a
4 CY	\$179.04	\$348.86	\$545.64	n/a	n/a
6 CY	\$251.71	\$490.40	\$750.40	n/a	n/a
Commercial - Compacting Bins					
3 CY	n/a	n/a	n/a	n/a	n/a
4 CY	n/a	n/a	n/a	n/a	n/a
Standard Recycle Bins					
4 CY	\$71.41	n/a	n/a	n/a	n/a
6 CY	\$71.41	n/a	n/a	n/a	n/a

Source: City of Livingston May 2019.

now

The majority of sanitation fund annual expenditures are for the disposal contract with Gilton. **Figure 24** shows that 80% of the total sanitation fund expenses for the last three fiscal years were for the Gilton contract.

Figure 24
Typical Annual Sanitation Fund Expenses



The City provides service to more than 3,000 customers of which 97% are single-family or duplex/triplex/four-plex residential. The projection of customer accounts with a 1.5% growth rate through the five-year rate period is provided in **Appendix Table C-4**.

4.2 REVENUE REQUIREMENT

The projected revenue requirement for the solid waste fund is shown in **Table 26**. The revenue requirement is projected to increase from \$1.23 million in fiscal year 2019 to \$1.83 million by fiscal year ending 2025.

Currently, user fees are greater than the revenue requirement. In fiscal year 2020 the revenue requirement is estimated at \$1.35 million, however, user fees were \$1.42 million in fiscal year 2019 and are expected to be about the same fiscal year 2020. Due to a sufficiency of cash reserves in the sanitation fund, the solid waste user fees do not need to be increased until January 2021.

The rate calculations are based on the user fee increases shown at the bottom of **Table 26**.

Table 26
Projected Revenue Requirement for the Sanitation Fund

Expenses	Inflator	Fiscal Year Ending						
		2019	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Operating Expenses								
Personnel	6.0%	\$177,295	\$187,933	\$199,209	\$211,161	\$223,831	\$237,261	\$251,496
Disposal Contract Service [1]	6.5%	\$997,084	\$1,061,895	\$1,130,918	\$1,204,428	\$1,282,716	\$1,366,092	\$1,454,888
Professional Services	3.0%	\$26,240	\$27,027	\$27,838	\$28,673	\$29,533	\$30,419	\$31,332
Computer Support Agreement	2.5%	\$21,136	\$21,665	\$22,206	\$22,761	\$23,331	\$23,914	\$24,512
Equipment and Repairs	3.5%	\$5,050	\$5,227	\$5,410	\$5,599	\$5,795	\$5,998	\$6,208
Insurance	2.5%	\$4,831	\$4,951	\$5,075	\$5,202	\$5,332	\$5,465	\$5,602
Supplies and Other	2.5%	\$34,608	\$35,473	\$36,360	\$37,269	\$38,200	\$39,155	\$40,134
Subtotal Operating Expenses		\$1,266,244	\$1,344,170	\$1,427,015	\$1,515,093	\$1,608,738	\$1,708,304	\$1,814,172
Equipment Purchase [2]	3.5%	\$0	\$40,000	\$41,400	\$42,849	\$44,349	\$45,901	\$47,507
Estimated Annual Costs		\$1,266,244	\$1,384,170	\$1,468,415	\$1,557,942	\$1,653,086	\$1,754,205	\$1,861,679
<i>Disposal Contract Service % of Op. Costs</i>		<i>79%</i>	<i>77%</i>	<i>77%</i>	<i>77%</i>	<i>78%</i>	<i>78%</i>	<i>78%</i>
Credits								
Intergovernmental	estimate	\$1,965	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Fines & Forfeitures	3.0%	\$15,595	\$16,063	\$16,545	\$17,042	\$17,553	\$18,079	\$18,622
Return on Use of Money	estimate	\$10,875	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Miscellaneous	constant	\$6,061	\$6,061	\$6,061	\$6,061	\$6,061	\$6,061	\$6,061
Total Credits		\$34,496	\$32,125	\$32,606	\$33,103	\$33,614	\$34,141	\$34,683
Total Revenue Requirement		\$1,231,748	\$1,352,046	\$1,435,809	\$1,524,839	\$1,619,472	\$1,720,065	\$1,826,996
Increase in User Fees			0.0%	3.5%	4.0%	4.5%	5.0%	5.0%
User Fees		\$1,417,249	\$1,417,249	\$1,466,853	\$1,525,527	\$1,594,176	\$1,673,884	\$1,757,579

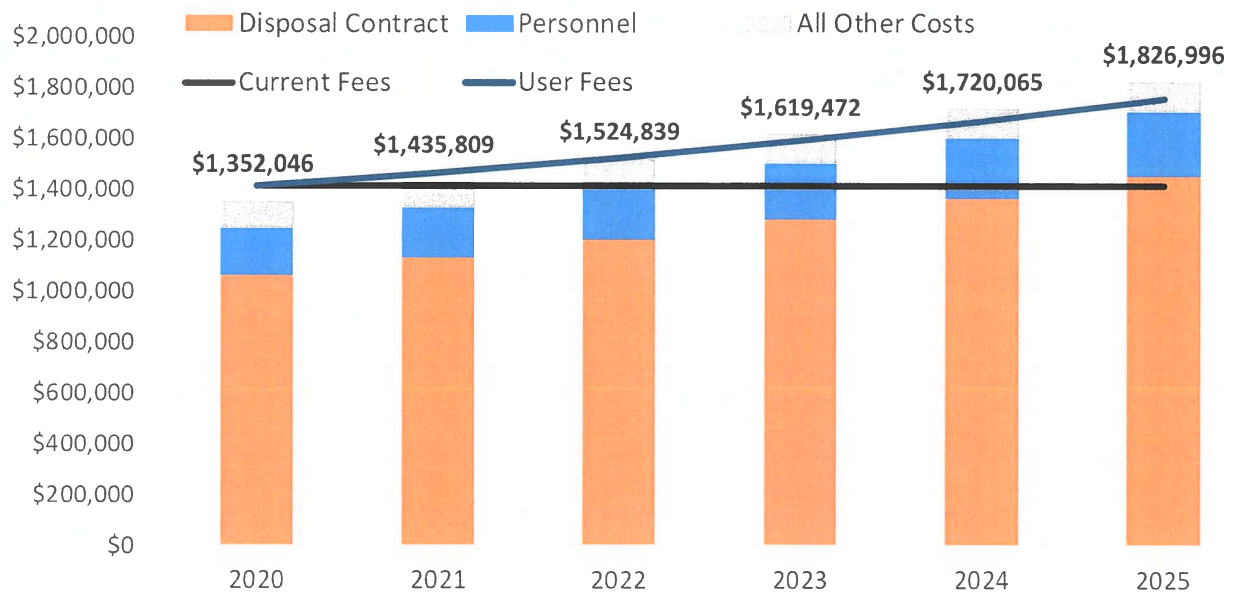
Source: City of Livingston September 2019 and HEC.

rev req

- [1] The disposal contract will increase 3.5% fiscal year 19/20 (per Gilton's request as allowed by contract) for inflation; the model increases costs 6.5% per year to account for inflation, increased Merced County Regional Solid Waste Management Authority costs, and growth in number of customers.
 [2] Estimate based on replacement of a street sweeper every five years as well as \$5,000 each year for various equipment needs.

Figure 25 on the following page illustrates the components of revenue requirement in the study period, the amount estimated to be collected in user fees, and the amount currently collected in user fees.

Figure 25
Projected Revenue Requirement and Fee Collections



4.3 SOLID WASTE RATE CALCULATIONS

The cost of service to each customer group is what the Gilton contract cost is plus additional City costs to provide sanitation and street sweeping services. Gilton contract costs are about 80% of total operating costs; however, the City should be collecting annually for capital costs such as replacement of street sweepers and specialized equipment. After accounting for capital replacement and upgrade costs, Gilton rates are about 77% of total annual costs.

The rate calculations are based on total user fees to be raised each year to provide revenue sufficiency for the sanitation fund. The calculated rates are shown in **Table 27**. These rates were calculated based on the Gilton rates plus the City’s service costs. The calculated rates are lower than current rates because the City is currently collecting more in revenue than necessary to pay for the Gilton contract and City costs.

Rather than lower the rates, which runs the risk of insufficient revenue collection in future years, the rates are frozen January 2020 and then gradually increased each year. Under this schedule of rates, as shown in **Table 28** on page 58, the City would draw down on reserves to meet the requirements of SB 1383.

Table 27
Calculated Fiscal Year 2019/20 Rates

Collections per Week	Calculated Rates				
	x1	x2	x3	x4	x5
Residential	<i>Gilton Contract as % of Total 77%</i>				
96 gal. cart	\$22.14				
Add'l cart	\$5.84				
96 gal. cart greenwaste	\$1.17				
Add'l greenwaste cart	\$5.84				
Multi-Family & Comm'l					
1 CY	\$41.69	\$82.65	\$123.48	\$164.40	\$205.31
2 CY	\$83.09	\$164.70	\$248.32	\$330.61	\$412.87
3 CY	\$123.10	\$232.84	\$350.86	\$461.65	\$561.64
4 CY	\$157.57	\$307.05	\$480.22	\$587.19	\$703.52
6 CY	\$221.55	\$431.62	\$660.44	\$823.48	\$1,036.58
Organics Bin (New)	\$232.52	\$453.06			
Commercial - Compacting Bins					
3 CY	\$428.09	\$825.01	\$1,651.69	\$1,651.69	\$2,064.60
4 CY	\$543.00	\$1,039.44	\$2,202.23	\$2,202.23	\$2,752.82
Standard Recycle Bins					
4 CY	\$62.84	\$125.69	\$251.40	\$251.40	\$314.23
6 CY	\$62.84	\$125.69	\$251.40	\$251.40	\$314.23

Source: City of Livingston and HEC November 2019.

new

A new service is included in the rate schedule for organics bins. The organics bins will be provided by Gilton to commercial and multi-family customers primarily for food waste services, which is a requirement of Senate Bill (SB) 1383.

Table 28
Five-Year Schedule of Solid Waste Rates

Service Type	Current	Fiscal Year Ending					
		2020	2021	2022	2023	2024	2025
	<i>New Rates Effective ---></i>	<i>Jan. 2020</i>	<i>Jan. 2021</i>	<i>Jan. 2022</i>	<i>Jan. 2023</i>	<i>Jan. 2024</i>	<i>Jan. 2025</i>
	<i>Rate Increase ---></i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>
<i>Rates do not include charges for special services that are scheduled between the customer and provider such as off schedule pick up, container maintenance, and delivery charges.</i>							
SINGLE FAMILY RESIDENTIAL		Once per week pickup					
96 gal. cart	\$25.16	\$23.25	\$24.41	\$25.63	\$26.91	\$28.26	\$29.67
Add'l cart	\$5.97	\$6.14	\$6.44	\$6.77	\$7.10	\$7.46	\$7.83
96 gal. cart greenwaste	\$1.33	\$1.23	\$1.29	\$1.35	\$1.42	\$1.49	\$1.57
Add'l greenwaste cart	\$5.97	\$6.14	\$6.44	\$6.77	\$7.10	\$7.46	\$7.83
MULTI-FAMILY & COMMERCIAL		Once per week pickup					
1 cubic yard container	\$47.36	\$43.77	\$45.96	\$48.26	\$50.67	\$53.21	\$55.87
2 cubic yards container	\$94.41	\$87.25	\$91.61	\$96.19	\$101.00	\$106.05	\$111.35
3 cubic yards container	\$139.86	\$129.26	\$135.72	\$142.51	\$149.63	\$157.12	\$164.97
4 cubic yards container	\$179.04	\$165.45	\$173.72	\$182.41	\$191.53	\$201.11	\$211.16
6 cubic yards container	\$251.71	\$232.62	\$244.25	\$256.47	\$269.29	\$282.75	\$296.89
Organics Bin (New)		\$65.99	\$69.29	\$72.75	\$76.39	\$80.21	\$84.22
Recycle Bins							
4 & 6 cubic yard containers	\$71.41	\$65.99	\$69.29	\$72.75	\$76.39	\$80.21	\$84.22
Commercial Compacting							
3 cubic yards container	n/a	\$449.50	\$471.97	\$495.57	\$520.35	\$546.36	\$573.68
4 cubic yards container	n/a	\$570.15	\$598.66	\$628.59	\$660.02	\$693.02	\$727.67
MULTI-FAMILY & COMMERCIAL		Twice per week pickup					
1 cubic yard container	\$93.90	\$103.52	\$108.70	\$114.14	\$119.84	\$125.83	\$132.13
2 cubic yards container	\$187.14	\$206.32	\$216.64	\$227.47	\$238.84	\$250.79	\$263.32
3 cubic yards container	\$264.56	\$291.68	\$306.26	\$321.57	\$337.65	\$354.54	\$372.26
4 cubic yards container	\$348.86	\$384.62	\$403.85	\$424.04	\$445.24	\$467.51	\$490.88
6 cubic yards container	\$490.40	\$540.67	\$567.70	\$596.08	\$625.89	\$657.18	\$690.04
Organic Bins (New)	n/a	\$131.97	\$138.57	\$145.50	\$152.77	\$160.41	\$168.43
Recycle Bins							
4 & 6 cubic yard containers	n/a	\$131.97	\$138.57	\$145.50	\$152.77	\$160.41	\$168.43
Commercial Compacting							
3 cubic yards container	n/a	\$866.26	\$909.58	\$955.06	\$1,002.81	\$1,052.95	\$1,105.60
4 cubic yards container	n/a	\$1,091.41	\$1,145.98	\$1,203.28	\$1,263.45	\$1,326.62	\$1,392.95
MULTI-FAMILY & COMMERCIAL		Three times per week pickup					
1 cubic yard container	n/a	\$147.32	\$154.69	\$162.42	\$170.54	\$179.07	\$188.02
2 cubic yards container	n/a	\$296.27	\$311.08	\$326.64	\$342.97	\$360.12	\$378.12
3 cubic yards container	\$398.63	\$439.49	\$461.46	\$484.54	\$508.76	\$534.20	\$560.91
4 cubic yards container	\$545.64	\$601.57	\$631.65	\$663.23	\$696.39	\$731.21	\$767.77
6 cubic yards container	\$750.40	\$827.32	\$868.68	\$912.12	\$957.72	\$1,005.61	\$1,055.89
Recycle Bins							
4 & 6 cubic yard containers	n/a	\$263.97	\$277.17	\$291.03	\$305.58	\$320.86	\$336.90
Commercial Compacting							
3 cubic yards container	n/a	\$1,734.27	\$1,820.99	\$1,912.04	\$2,007.64	\$2,108.02	\$2,213.42
4 cubic yards container	n/a	\$2,312.35	\$2,427.96	\$2,549.36	\$2,676.83	\$2,810.67	\$2,951.20

Source: City of Livingston and HEC.

sum

Table 29 shows the amount of revenue estimated to be generated by each customer group in fiscal year 2019/20 with current rates frozen. The total revenue estimate is slightly lower than actually realized in fiscal year 2019 because approximately \$125,000 is collected not from monthly rates but from additional services that are specially requested by customers such as off-schedule pickups.

Table 29
Estimated Revenue Fiscal Year 2019/20

Customer	% of Revenue	Total Revenue	Projected Revenue in FY 2020		
			x1	x2	x3
Residential					
96 gal. cart	72.02%	\$930,517	\$930,517		
Add'l cart	1.57%	\$20,346	\$20,346		
96 gal. cart greenwaste	3.77%	\$48,758	\$48,758		
Add'l greenwaste cart	0.04%	\$501	\$501		
Multi-Family & Comm'l					
1 CY	0.31%	\$3,978	\$3,978	\$0	\$0
2 CY	2.54%	\$32,835	\$30,589	\$2,246	\$0
3 CY	2.67%	\$34,517	\$21,818	\$12,699	\$0
4 CY	9.25%	\$119,498	\$36,524	\$50,236	\$32,738
6 CY	7.83%	\$101,121	\$21,144	\$52,963	\$27,014
TOTAL	100.00%	\$1,292,072	\$1,114,176	\$118,144	\$59,753

Source: City of Livingston and HEC November 2019.

2020

Table 30 on the next page shows total revenue estimated through the five-year period. Due to estimated growth in number of customers, revenue generation is greater than required in **Table 26**. While customers will be required to use the organics bins, the number of customers in this rate category is not known at this time; therefore, no revenue from this category has been included in the projection.

Table 30
Projected Sanitation Fund Revenue

Customer Type	2019	Annual Revenue with Growth in Number of Services					
		2020	2021	2022	2023	2024	2025
Residential							
96 gal. cart	\$930,517	\$930,517	\$977,532	\$1,031,883	\$1,094,492	\$1,166,455	\$1,243,149
Add'l cart	\$20,346	\$20,346	\$21,374	\$22,562	\$23,931	\$25,505	\$27,181
96 gal. cart greenwaste	\$48,758	\$48,758	\$51,221	\$54,069	\$57,350	\$61,121	\$65,139
Add'l greenwaste cart	\$501	\$501	\$527	\$556	\$590	\$629	\$670
Multi-Family & Comm'l - 1x / Week							
1 CY	\$3,978	\$3,978	\$4,179	\$4,412	\$4,679	\$4,987	\$5,315
2 CY	\$30,589	\$30,589	\$32,134	\$33,921	\$35,979	\$38,345	\$40,866
3 CY	\$21,818	\$21,818	\$22,921	\$24,195	\$25,663	\$27,350	\$29,149
4 CY	\$36,524	\$36,524	\$38,370	\$40,503	\$42,960	\$45,785	\$48,795
6 CY	\$21,144	\$21,144	\$22,212	\$23,447	\$24,870	\$26,505	\$28,247
Multi-Family & Comm'l - 2x/Week							
1 CY	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 CY	\$2,246	\$2,246	\$2,359	\$2,490	\$2,641	\$2,815	\$3,000
3 CY	\$12,699	\$12,699	\$13,340	\$14,082	\$14,937	\$15,919	\$16,965
4 CY	\$50,236	\$50,236	\$52,774	\$55,708	\$59,088	\$62,973	\$67,114
6 CY	\$52,963	\$52,963	\$55,639	\$58,733	\$62,296	\$66,392	\$70,758
Multi-Family & Comm'l - 3x/Week							
1 CY	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 CY	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3 CY	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4 CY	\$32,738	\$32,738	\$34,393	\$36,305	\$38,508	\$41,039	\$43,738
6 CY	\$27,014	\$27,014	\$28,379	\$29,957	\$31,775	\$33,864	\$36,091
TOTAL	\$1,292,072	\$1,292,072	\$1,357,354	\$1,432,823	\$1,519,759	\$1,619,683	\$1,726,178
Other Services [1]	\$125,177	\$125,177	\$131,502	\$138,813	\$147,236	\$156,917	\$167,234
Total Estimated Revenue	\$1,417,249	\$1,417,249	\$1,488,856	\$1,571,636	\$1,666,995	\$1,776,600	\$1,893,411

Source: City of Livingston and HEC May 2019.

rev proj

[1] Includes off schedule pick up, container maintenance, and delivery charges

4.4 CASH FLOW AND FUND BALANCE

The projected sanitation fund cash flow is provided in **Table 31**. It is projected that the City could fund all anticipated operations costs and new costs associated with SB 1383 while maintaining at least four months of operating expenses in the fund. Included in the cost projection is \$100,000 per year in 2019 dollars to pay for the anticipated costs of implementing SB 1383. Anticipated costs include legal, education, outreach, software, enforcement and inspection costs. It is likely that the City will need to hire a recycling coordinator. Until the State has issued all the requirements of compliance this should be considered a “best estimate” of SB 1383 compliance costs.

Table 31
Sanitation Fund Projected Cash Flow

Revenues and Expenses	Fiscal Year Ending					
	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Operating Revenues						
User Fees	\$1,417,249	\$1,447,085	\$1,523,347	\$1,611,369	\$1,712,664	\$1,825,271
Intergovernmental	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Fines & Forfeitures	\$16,063	\$16,545	\$17,042	\$17,553	\$18,079	\$18,622
Return on Use of Money	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Miscellaneous	\$6,061	\$6,061	\$6,061	\$6,061	\$6,061	\$6,061
Total Operating Revenues	\$1,449,374	\$1,479,692	\$1,556,450	\$1,644,983	\$1,746,804	\$1,859,954
Operating Expenses						
Contract Disposal Service	\$1,061,895	\$1,130,918	\$1,204,428	\$1,282,716	\$1,366,092	\$1,454,888
All Other	\$273,046	\$286,361	\$300,393	\$315,183	\$330,773	\$347,210
Total Operating Expenses	\$1,334,941	\$1,417,279	\$1,504,821	\$1,597,898	\$1,696,865	\$1,802,098
Equipment Purchase	\$40,000	\$41,400	\$42,849	\$44,349	\$45,901	\$47,507
Net Revenues (Deficit)	\$74,433	\$21,013	\$8,781	\$2,736	\$4,038	\$10,349
Beginning Cash Balance [1]	\$1,043,552	\$1,117,985	\$1,035,998	\$938,173	\$830,573	\$720,414
Net Revenues (Deficit)	\$74,433	\$21,013	\$8,781	\$2,736	\$4,038	\$10,349
Enhanced Services [2]		(\$103,000)	(\$106,605)	(\$110,336)	(\$114,198)	(\$118,195)
Ending Cash Balance	\$1,117,985	\$1,035,998	\$938,173	\$830,573	\$720,414	\$612,567
Target Minimum Cash [3]	\$444,980	\$472,426	\$501,607	\$532,633	\$565,622	\$600,699

Source: City of Livingston September 2019 and HEC.

flow

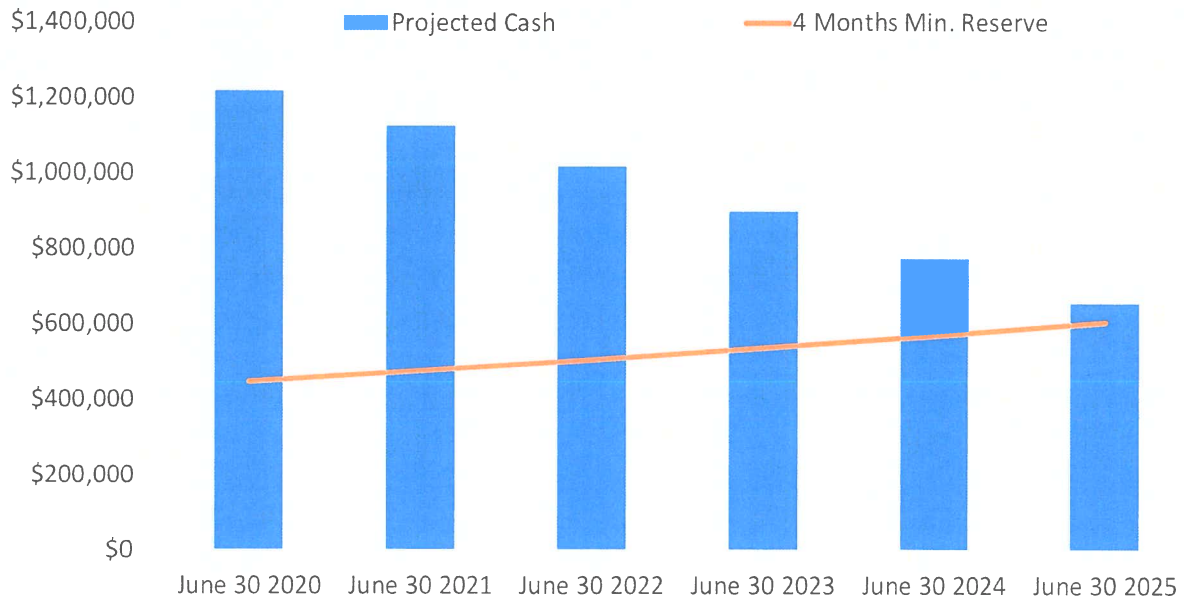
[1] Cash and cash equivalents; not necessarily the same as fund balance.

[2] Enhanced services costs increased 3.5% per year.

[3] Target minimum cash is 4 months of expenditures.

The projected ending fiscal year cash balances are illustrated in **Figure 26** on the next page.

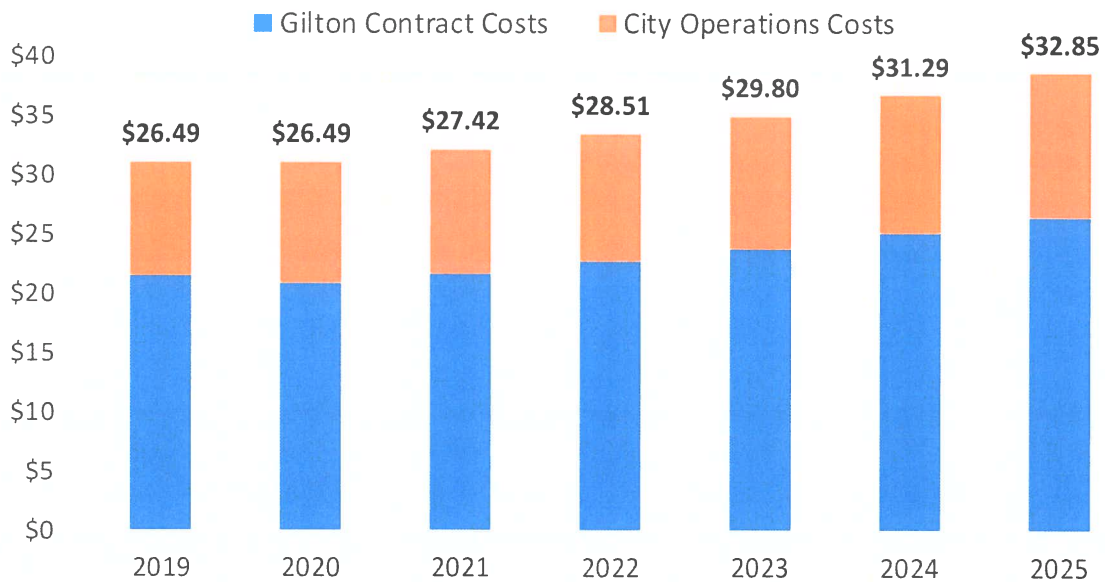
Figure 26
Projected Cash Flow and Fund Balance



4.5 BILL IMPACTS

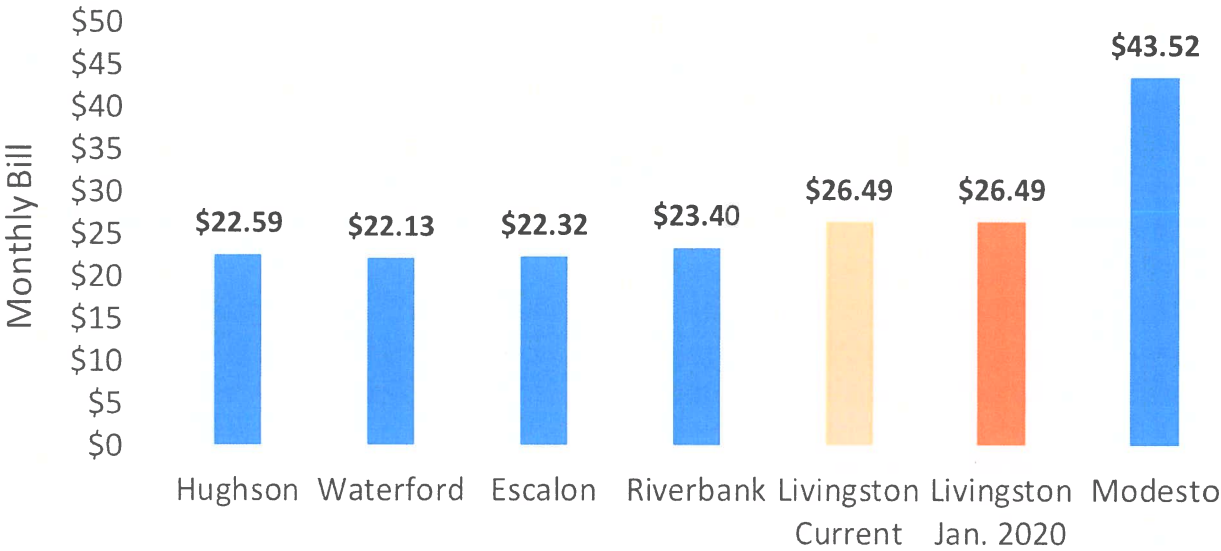
The projected five-year bill impacts for a single family home are shown in **Figure 27**. The monthly sanitation bill would increase from \$26.49 to \$32.85 over the five-year period.

Figure 27
Single Family Home Projected Bill Impact



In **Figure 28**, Livingston’s two-can monthly rate is compared with Modesto, Riverbank, Escalon, Waterford, and Hughson, all of which contract with Gilton for service provision. The rates for all comparison communities include two cans (one for recycle items) although not all can sizes are the same and additional cans cost more in most other communities than in Livingston.

Figure 28
Comparison of Single Family Solid Waste Monthly Bills



APPENDIX A

WATER RATE STUDY SUPPORT TABLES

Table A-1
City of Livingston 2019 Water Rates Update
Historical Water Fund Revenues

DRAFT

Revenues	Fiscal Year Ending		
	2017 actual	2018 actual	2019 actual
Intergovernmental Revenue	\$0	\$68,868	(\$3,035)
Charges for Services			
User Fees	\$3,305,476	\$3,360,495	\$3,592,366
Connection Fees	\$0	\$25	\$0
Meter Installation	\$0	\$75,563	\$51,718
Meter Replacement Fees	\$142,204	\$148,077	\$158,192
Subtotal Charges for Services	\$3,447,680	\$3,584,161	\$3,802,276
Fines & Forfeitures	\$21,204	\$37,322	\$17,980
Interest Income	\$4,427	\$26,788	\$48,768
Miscellaneous Revenue	\$10,916	\$19,794	\$7,959
Total Revenues	\$3,484,226	\$3,736,933	\$3,873,948

Source: City of Livingston financials provided September 2019.

revs

Table A-2
City of Livingston 2019 Water Rates Update

Historical Water Fund Expenses

DRAFT

Expenses	Fiscal Year Ending		
	2017 actual	2018 actual	2019 actual
Personnel			
Salaries	\$302,942	\$348,123	\$399,090
Benefits	\$131,034	\$326,910	\$324,283
Medical	\$0	\$99	\$0
Uniforms	\$2,641	\$3,956	\$2,725
Subtotal Personnel	\$436,617	\$679,088	\$726,097
Maintenance and Operations			
Professional Services	\$67,097	\$12,795	\$9,632
Contract Services	\$137,619	\$117,483	\$110,320
Reg. Tuition Training	\$1,521	\$1,503	\$3,200
City Audit	\$7,501	\$7,600	\$7,600
Computer Support Agreements	\$24,764	\$38,631	\$28,947
Water Storage Tanks O&M	\$0	\$7,940	\$3,348
Water Wells O&M	\$330,266	\$140,513	\$284,608
Distribution O&M	\$60,431	\$33,708	\$60,746
Utilities	\$556,957	\$600,424	\$560,431
Vehicle O&M	\$18,623	\$35,258	\$19,981
Equipment O&M	\$5,625	\$3,962	\$6,855
Facilities O&M	\$7,427	\$3,306	\$5,977
Insurance	\$40,569	\$36,274	\$36,682
CommCell Phones	\$5,368	\$8,175	\$6,638
Advertisement	\$1,374	\$1,073	\$2,786
Printing	\$3,246	\$3,212	\$3,375
Bank Service Fees	\$5,176	\$6,467	\$7,496
Travel	\$1,966	\$992	\$3,166
Small Tools & Equip.	\$6,300	\$11,411	\$8,953
Office Supplies	\$3,220	\$2,540	\$2,679
Postage	\$8,453	\$7,627	\$8,105
Miscellaneous	\$1,178	\$1,270	(\$8,272)
Books/Subscriptions	\$0	\$66	\$397
Dues/Memberships	\$23,107	\$22,549	\$19,816
Reimbursements/Refunds	\$0	\$0	\$1,017
SGMA Compliance Contrib.	\$0	\$0	\$0
Water Meter Purchase	\$0	\$2,858	\$0
Water Hydrant Maint.	\$288	\$0	\$0
System Rehabilitation	(\$8,500)	\$0	\$0
Subtotal Maintenance and Operations	\$1,309,576	\$1,107,636	\$1,194,483
Projects			
Infrastructure	\$0	\$0	\$72,966
Water Tank Rehab.	\$0	\$0	\$477,935
New Well #8	\$0	\$0	\$10,094
Subtotal Projects	\$0	\$0	\$560,996
Vehicles, Equip. & Improvements			
Equipment Purchase	\$34,280	\$11,872	\$27,130
Vehicle Purchase	\$0	\$0	\$38,229
Meter Replacement	\$76,118	\$133,057	\$36,295
Furniture	\$0	\$498	\$0
Subtotal Vehicles, Equip. & Improvements	\$110,399	\$145,427	\$101,655
Total Expenses excl. Debt Service	\$1,856,591	\$1,932,151	\$2,583,231
Transfers Out	\$0	\$1,773,333	\$0
Debt Service	\$11,812	\$20,348	\$78,778

Source: City of Livingston financials provided September 2019.

exps

Table A-3
City of Livingston 2019 Water Rates Update

Historical Consumption

DRAFT

Year	Water Used
	gallons
2013	2,372,789,000
2014	2,388,570,000
2015	2,101,135,349
2016	2,096,915,212
2017	2,074,911,951
2018	2,254,177,000
Average	2,214,749,752
Average last 3 Years	2,142,001,388

Source: City of Livingston September 2019.

hist use

Table A-4
City of Livingston 2019 Water Rates Update

DRAFT

Well Production

Month	Calendar Year			Annual Average	% Delivery by Month
	2016	2017	2018		
<i>All Figures in Gallons</i>					
Jan	149,052,000	160,517,162	149,314,098	152,961,087	7.1%
Feb	134,313,000	132,900,237	139,437,808	135,550,348	6.3%
Mar	160,004,000	157,806,860	142,435,778	153,415,546	7.1%
Apr	174,700,000	144,083,799	165,066,889	161,283,563	7.5%
May	194,107,000	189,298,693	208,602,845	197,336,179	9.2%
Jun	219,983,000	178,863,153	221,974,266	206,940,140	9.6%
Jul	235,689,000	197,205,625	267,180,750	233,358,458	10.9%
Aug	223,396,000	215,617,627	231,995,178	223,669,602	10.4%
Sep	202,670,000	188,491,756	199,879,868	197,013,875	9.2%
Oct	194,270,000	192,171,330	187,961,790	191,467,707	8.9%
Nov	150,548,912	145,490,025	148,353,782	148,130,906	6.9%
Dec	152,557,513	135,045,974	150,523,769	146,042,419	6.8%
Total	2,191,290,425	2,037,492,241	2,212,726,821	A 2,147,169,829	100.0%
Peaking Period (May through October inclusive)				B 1,249,785,960	58%
Base Monthly Flow				C 149,563,978	
Base Annual Flow				D = C*12 1,794,767,737	84%
Additional Flow				E = A-D 352,402,092	16%

Source: City of Livingston May 2019.

wells

Table A-5
City of Livingston 2019 Water Rates Update
Estimated Water Capital Improvement Plan Costs

DRAFT

Water Project	Funding Source	Fiscal Year Ending					
		2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Water CIP Projects							
Well 8 - New Well	Reserves		\$1,000,000				
Well 9 - New Well	Reserves	\$1,200,000					
Well 11 - New Well	Foster Farms	\$1,200,000					
Well 12 Conveyance & Treatment	Reserves					\$1,720,000	
Well 8 & 9 Conveyance & Treatment Plant	SRF Loan		\$3,375,000				
	Connection Fees		\$1,125,000				
Well 14 & 16 Conveyance & Treatment Plant - <i>secured loan</i>	SRF Loan	\$4,000,000					
Well 13 & 17 Conveyance, Treatment Plant & Storage Tank	SRF Loan		\$6,375,000				
	Connection Fees		\$2,125,000				
Water Line Replacement Ph 4 (Walnut, Davis, White, N Main)	Reserves			\$1,331,320			
Park Surface Water Irrigation	Reserves		\$187,381				
	Grant		\$172,619				
Server Upgrades	Reserves	\$25,000					
Total Estimated Water Improvements Cost		\$6,425,000	\$14,360,000	\$1,331,320	\$0	\$1,720,000	\$0
Funding Sources							
SRF Loan		\$4,000,000	\$9,750,000	\$0	\$0	\$0	\$0
Reserves		\$1,225,000	\$1,187,381	\$1,331,320	\$0	\$1,720,000	\$0
Connection Fees		\$0	\$3,250,000	\$0	\$0	\$0	\$0
Grant		\$0	\$172,619	\$0	\$0	\$0	\$0
Foster Farms		\$1,200,000	\$0	\$0	\$0	\$0	\$0
Total Funding		\$6,425,000	\$14,360,000	\$1,331,320	\$0	\$1,720,000	\$0
Estimated New O&M Costs from CIP Projects							
Well 8 & 9 GAC		\$200,000		\$200,000		\$200,000	
Well 13 & 17 GAC			\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Well 13 Green Sand		\$10,000	\$10,000	\$200,000	\$10,000	\$10,000	\$10,000
Well 14 & 16 GAC			\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Well 16 Green Sand		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Well 17 Green Sand		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Bulk Chemicals - Wells		\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000
Estimated New Media & Chemicals Cost		\$295,000	\$95,000	\$495,000	\$95,000	\$695,000	\$95,000

Source: City of Livingston November 2019.

cip

Table A-6
City of Livingston 2019 Water Rates Update
Inflated CIP

DRAFT

Water Project	Funding Source	TOTAL	Fiscal Year Ending					
			2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Water CIP Projects								
Well 8 - New Well	Reserves	\$1,030,000	\$0	\$1,030,000	\$0	\$0	\$0	\$0
Well 9 - New Well	Reserves	\$1,200,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0
Well 11 - New Well	Foster Farms	\$1,200,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0
Well 12 Conveyance & Treatment	Reserves	\$1,935,875	\$0	\$0	\$0	\$0	\$1,935,875	\$0
Well 8 & 9 Conveyance & Treatment Plant	SRF Loan	\$4,635,000	\$0	\$4,635,000	\$0	\$0	\$0	\$0
Well 14 & 16 Conveyance & Treatment Plant - secured loan	SRF Loan	\$4,000,000	\$0	\$8,755,000	\$0	\$0	\$0	\$0
Well 13 & 17 Conveyance, Treatment Plant & Storage Tank	SRF Loan	\$8,755,000	\$0	\$8,755,000	\$0	\$0	\$0	\$0
Water Line Replacement Ph 4 (Walnut, Davis, White, N Main)	Reserves	\$1,412,397	\$0	\$0	\$1,412,397	\$0	\$0	\$0
Park Surface Water Irrigation	Reserves	\$370,800	\$0	\$370,800	\$0	\$0	\$0	\$0
Server Upgrades	Reserves	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$0
Total Estimated Water Improvements Cost		\$24,564,073	\$6,425,000	\$14,790,800	\$1,412,397	\$0	\$1,935,875	\$0
Funding Sources								
SRF Loan		\$14,042,500	\$4,000,000	\$10,042,500	\$0	\$0	\$0	\$0
Reserves		\$5,796,275	\$1,225,000	\$1,223,002	\$1,412,397	\$0	\$1,935,875	\$0
Connection Fees		\$3,347,500	\$0	\$3,347,500	\$0	\$0	\$0	\$0
Grant		\$177,798	\$0	\$177,798	\$0	\$0	\$0	\$0
Foster Farms		\$1,200,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0
Total Funding		\$24,564,073	\$6,425,000	\$14,790,800	\$1,412,397	\$0	\$1,935,875	\$0
Estimated New O&M Costs from CIP Projects								
Well 8 & 9 GAC		\$200,000	\$200,000	\$0	\$212,180	\$0	\$225,102	\$0
Well 13 & 17 GAC		\$0	\$0	\$0	\$0	\$0	\$225,102	\$0
Well 13 Green Sand		\$10,000	\$10,300	\$10,609	\$10,927	\$10,927	\$11,255	\$11,593
Well 14 & 16 GAC		\$0	\$0	\$212,180	\$0	\$225,102	\$0	\$0
Well 16 Green Sand		\$10,000	\$10,300	\$10,609	\$10,927	\$10,927	\$11,255	\$11,593
Well 17 Green Sand		\$10,000	\$10,300	\$10,609	\$10,927	\$10,927	\$11,255	\$11,593
Bulk Chemicals - Wells		\$65,000	\$66,950	\$68,959	\$71,027	\$73,158	\$75,353	\$77,600
Estimated New Media & Chemicals Cost		\$295,000	\$97,850	\$525,146	\$103,809	\$782,229	\$110,131	\$110,131

Source: City of Livingston November 2019.

clip.inf

Table A-7
City of Livingston 2019 Water Rates Update
SRF Financing Agreement for Well 13

DRAFT

Fiscal Year				
Ending	Principal	Interest	Total Payment	Ending Balance
<i>Term</i>	<i>20 years</i>		<i>Completed Project</i>	
<i>Interest Rate</i>	<i>1.6%</i>			
				\$1,353,245
2017	\$66,967	\$11,811	\$78,778	\$1,286,278
2018	\$58,430	\$20,348	\$78,778	\$1,227,848
2019	\$59,369	\$19,409	\$78,778	\$1,168,479
2020	\$60,323	\$18,455	\$78,778	\$1,108,156
2021	\$61,292	\$17,486	\$78,778	\$1,046,864
2022	\$62,276	\$16,502	\$78,778	\$984,588
2023	\$63,277	\$15,501	\$78,778	\$921,311
2024	\$64,293	\$14,485	\$78,778	\$857,018
2025	\$65,326	\$13,452	\$78,778	\$791,692
2026	\$66,375	\$12,403	\$78,778	\$725,317
2027	\$67,442	\$11,336	\$78,778	\$657,875
2028	\$68,525	\$10,253	\$78,778	\$589,350
2029	\$69,626	\$9,152	\$78,778	\$519,724
2030	\$70,744	\$8,034	\$78,778	\$448,980
2031	\$71,881	\$6,897	\$78,778	\$377,099
2032	\$73,035	\$5,743	\$78,778	\$304,064
2033	\$74,209	\$4,569	\$78,778	\$229,855
2034	\$75,401	\$3,377	\$78,778	\$154,455
2035	\$76,612	\$2,166	\$78,778	\$77,843
2036	\$77,843	\$935	\$78,778	(\$0)
TOTAL	\$1,353,245	\$222,315	\$1,575,560	

Source: SRF Financing Agreement D15-02037 Exhibit C.

srf other

Table A-8
City of Livingston 2019 Water Rates Update
SRF Financing Agreement for Wells 14 & 16

DRAFT

Fiscal Year	Principal	Interest	Total Payment	Ending Balance
Ending				
<i>Term</i>	<i>30 years</i>		<i>Est. Construction Completion:</i>	
<i>Interest Rate</i>	<i>1.8%</i>		<i>7/1/2020</i>	
2020	\$0	\$60,758	\$47,358	\$3,224,618
2021	\$105,048	\$67,942	\$172,989	\$3,894,952
2022	\$103,343	\$69,646	\$172,989	\$3,971,609
2023	\$105,212	\$67,778	\$172,989	\$3,686,398
2024	\$107,114	\$65,875	\$172,989	\$3,579,284
2025	\$109,051	\$63,939	\$172,989	\$3,470,233
2026	\$111,022	\$61,967	\$172,989	\$3,359,211
2027	\$113,030	\$59,959	\$172,989	\$3,246,181
2028	\$115,074	\$57,916	\$172,989	\$3,131,107
2029	\$117,154	\$55,835	\$172,989	\$3,013,953
2030	\$119,272	\$53,717	\$172,989	\$2,894,681
2031	\$121,429	\$51,560	\$172,989	\$2,773,252
2032	\$123,625	\$49,365	\$172,989	\$2,649,627
2033	\$125,860	\$47,129	\$172,989	\$2,523,767
2034	\$128,136	\$44,854	\$172,989	\$2,395,632
2035	\$130,452	\$42,537	\$172,989	\$2,265,179
2036	\$132,811	\$40,178	\$172,989	\$2,132,368
2037	\$135,212	\$37,777	\$172,989	\$1,997,156
2038	\$137,657	\$35,332	\$172,989	\$1,859,499
2039	\$140,146	\$32,843	\$172,989	\$1,719,353
2040	\$142,680	\$30,309	\$172,989	\$1,576,672
2041	\$145,260	\$27,729	\$172,989	\$1,431,412
2042	\$147,886	\$25,103	\$172,989	\$1,283,526
2043	\$150,560	\$22,429	\$172,989	\$1,132,966
2044	\$153,283	\$19,707	\$172,989	\$979,683
2045	\$156,054	\$16,935	\$172,989	\$823,629
2046	\$158,876	\$14,114	\$172,989	\$664,753
2047	\$161,748	\$11,241	\$172,989	\$503,005
2048	\$164,673	\$8,316	\$172,989	\$338,332
2049	\$167,650	\$5,339	\$172,989	\$170,682
2050	\$170,682	\$2,308	\$172,989	\$0
TOTAL	\$4,000,000	\$1,250,437	\$5,237,037	

Source: SRF Financing Agreement D18-02003 Exhibit C.

srf 4M

Table A-9
City of Livingston 2019 Water Rates Update

Estimated New SRF Debt

DRAFT

Item	Well 8 & 9 Conveyance & Treatment Plant	Well 13 & 17 Conveyance, Treatment Plant & Storage Tank
<i>Estimated Completion Date</i>	<i>2/1/2021</i>	<i>2/1/2021</i>
Construction Proceeds	\$4,635,000	\$8,755,000
Estimated Annual Debt Service	\$221,500	\$418,300
Operations Fund	\$166,125	\$313,725
Capital Fund	\$55,375	\$104,575
Total Payments	\$6,645,000	\$12,549,000
Estimated Total Financing Costs	\$2,010,000	\$3,794,000
DWSRF loan assumptions:		
Interest Rate [1]	2.5000%	2.5000%
Term (years)	30	30

Source: City of Livingston and HEC.

new debt

[1] In 2019 the interest rate is 1.9%. The interest rate fluctuates year to year.

Table A-10
City of Livingston 2019 Water Rates Update
Meter Replacement Fee Calculation

DRAFT

Item	Assumption / Total	Meter Size							
		1"	1-1/2"	2"	3"	4"	6"	8"	10"
New Meter with Transponder [1]		\$235	\$554	\$1,058	\$1,320	\$3,125	\$5,400	\$8,805	\$11,363
Installation Costs [2]	25%	\$59	\$139	\$265	\$330	\$781	\$1,350	\$2,201	\$2,841
New Technology Fee [3]	25%	\$73	\$173	\$331	\$413	\$977	\$1,688	\$2,752	\$3,551
Administration Costs	5%	\$18	\$43	\$83	\$103	\$244	\$422	\$688	\$888
Total Cost per Meter		\$386	\$909	\$1,736	\$2,166	\$5,127	\$8,859	\$14,446	\$18,642
Total Number of Meters	3,332	3,220	12	72	11	13	3	0	1
Meter Cost Replacement		\$1,513,037	\$10,907	\$124,976	\$23,822	\$66,650	\$26,578	\$0	\$18,642
Replacement Interval (years)		10	10	10	10	10	10	10	10
Cost per Meter per Year		\$39	\$91	\$174	\$217	\$513	\$886	\$1,445	\$1,864
Monthly Cost per Meter		\$3.21	\$7.57	\$14.46	\$18.05	\$42.72	\$73.83	\$120.38	\$155.35
Updated Annual Fee Revenue		\$151,304	\$1,091	\$12,498	\$2,382	\$6,665	\$2,658	\$0	\$1,864

Source: City of Livingston and HEC. meter prog

[1] Prices from City's meter vendor, May 2019.
 [2] Actual installation costs vary by meter size as a percentage of meter cost.
 [3] Estimated costs to keep meters up to date with new technology.

Table A-11

City of Livingston 2019 Water Rates Update

Estimated Meter Replacement Fee Program Revenue

DRAFT

Item	Fiscal Year Ending					
	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Projected New 1" or less Meters	0	25	25	25	25	25
Projected City Water Meters	3,332	3,357	3,382	3,407	3,432	3,457
Current Revenue Inflated	\$151,304	\$155,843	\$160,518	\$165,334	\$170,294	\$175,402
New Growth Revenue	\$0	\$993	\$1,023	\$1,053	\$1,085	\$1,117
Estimated Meter Replacement Fee Revenue	\$151,304	\$156,836	\$161,541	\$166,387	\$171,378	\$176,520

Source: City of Livingston and HEC.

meter rev

Table A-12
City of Livingston 2019 Water Rates Update

Functional Allocation of Plant In Service

DRAFT

Plant in Service	Customer	Capacity	Commodity (Use)	Total Cost	Customer	Capacity	Commodity (Use)
Pumps		80%	20%	\$159,869	\$0	\$127,895	\$31,974
Water Lines		80%	20%	\$5,833,669	\$0	\$4,666,936	\$1,166,734
Wells		80%	20%	\$7,947,079	\$0	\$6,357,663	\$1,589,416
Tanks		80%	20%	\$833,822	\$0	\$667,058	\$166,764
Equipment	45%	30%	25%	\$280,794	\$126,357	\$84,238	\$70,198
General	15%	85%		\$556,209	\$83,431	\$472,777	\$0
Total Plant in Service				\$15,611,442	\$209,789	\$12,376,567	\$3,025,086
Percentage of Plant in Service				100%	1%	79%	19%

Source: City of Livingston May 2019 and HEC.

plant

Table A-13
City of Livingston 2019 Water Rates Update
Functional Allocation of Operating Costs

DRAFT

Expenditures	ACTUAL FY 2018-19	Allocation Basis	Fixed Costs		Variable Cost	
			Customer	Capacity	Commodity (Use)	Unclassified
Personnel	\$726,097	Avg. of Classified	0%	0%	0%	100%
Professional Services	\$9,632	Avg. of Classified	0%	0%	0%	100%
Contract Services	\$110,320	Avg. of Classified	0%	0%	0%	100%
Reg. Tuition Training	\$3,200	Avg. of Classified	0%	0%	0%	100%
City Audit	\$7,600	Avg. of Classified	0%	0%	0%	100%
Computer Support Agreements	\$28,947	Avg. of Classified	0%	0%	0%	100%
Water Storage Tanks O&M	\$3,348	Ratio Avg. to Peak Month	84%	0%	16%	0%
Water Wells O&M	\$284,608	Ratio Avg. to Peak Month	84%	0%	16%	0%
Distribution O&M	\$60,746	Ratio Avg. to Peak Month	84%	0%	16%	0%
Utilities	\$560,431	Utilities	0%	0%	100%	0%
Vehicle O&M	\$19,981	Plant In Service	1%	79%	19%	0%
Equipment O&M	\$6,855	Plant In Service	1%	79%	19%	0%
Facilities O&M	\$5,977	Plant In Service	1%	79%	19%	0%
Insurance	\$36,682	Customers	100%	0%	0%	0%
CommCell Phones	\$6,638	Customers	100%	0%	0%	0%
Advertisement	\$2,786	Customers	100%	0%	0%	0%
Printing	\$3,375	Customers	100%	0%	0%	0%
Bank Service Fees	\$7,496	Customers	100%	0%	0%	0%
Travel	\$3,166	Customers	100%	0%	0%	0%
Small Tools & Equip.	\$8,953	Customers	100%	0%	0%	0%
Office Supplies	\$2,679	Customers	100%	0%	0%	0%
Postage	\$8,105	Customers	100%	0%	0%	0%
Miscellaneous	(\$8,272)	Avg. of Classified	0%	0%	0%	100%
Books/Subscriptions	\$397	Customers	100%	0%	0%	0%
Dues/Memberships	\$19,816	Avg. of Classified	0%	0%	0%	100%
Refunds/Reimb	\$1,017	Customers	100%	0%	0%	0%
Equipment Purchase	\$27,130	Plant In Service	1%	79%	19%	0%
Vehicle Purchase	\$38,229	Plant In Service	1%	79%	19%	0%
Meter Replacement	\$36,295	Customers	100%	0%	0%	0%
TOTAL OPERATING COSTS	\$2,022,235		\$410,382	\$77,829	\$636,684	\$897,340
Reallocate Unclassified	\$897,340		\$327,365	\$62,085	\$507,889	
ALLOCATION OF OPERATING COSTS	\$2,022,235		\$737,747	\$139,915	\$1,144,574	
Existing Debt Service	\$78,778	Plant In Service	1%	79%	19%	
Debt Service			\$1,059	\$62,454	\$15,265	
TOTAL ALLOCATED COSTS [1]	\$2,101,013		\$738,806	\$202,369	\$1,159,839	
Percentage of Allocation			35%	10%	55%	
Fixed/Variable Allocation				45%	55%	

Source: City of Livingston and HEC, September 2019.

func

[1] Excludes capital project costs in fiscal year 2018/19.

Table A-14
City of Livingston 2019 Water Rates Update
Number of Meters and Meter Equivalents

DRAFT

Meter Size	Billing Meters	Flow (gpm)	Ratio	Meter Equivalents
< 1	3,220	50	1.0	3,220
1.5	12	100	2.0	24
2	72	160	3.2	230
3	11	350	7.0	77
4	13	600	12.0	156
6	3	1,250	25.0	75
8	0	2,400	48.0	0
10	1	3,800	76.0	76
Total	3,332			3,858

Source: City of Livingston September 2019.

meters

Table A-15
 City of Livingston 2019 Water Rates Update
 Projection of Water Demand

DRAFT

Customer Category	Base	Fiscal Year Ending					
		2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Residential							
Single-Family	593,860,000	593,458,254	597,144,330	600,853,301	604,585,309	608,340,497	612,119,010
Multi-Family	68,351,000	68,295,513	68,295,513	68,295,513	68,295,513	68,295,513	68,295,513
Subtotal Residential	662,211,000	661,753,766	665,439,842	669,148,813	672,880,822	676,636,010	680,414,522
Non-Residential							
Commercial	81,815,000	81,704,304	83,477,401	85,288,977	87,139,866	89,030,922	90,963,017
Industrial	1,333,248,000	1,332,526,446	1,332,526,446	1,332,526,446	1,332,526,446	1,332,526,446	1,332,526,446
Irrigation	63,542,000	63,413,042	63,413,042	63,413,042	63,413,042	63,413,042	63,413,042
Other	1,185,000	1,185,000	1,185,000	1,185,000	1,185,000	1,185,000	1,185,000
Subtotal Non-Residential	1,479,790,000	1,478,828,792	1,480,601,889	1,482,413,464	1,484,264,354	1,486,155,410	1,488,087,504
Total Water Demand Est.	2,142,001,000	2,140,582,558	2,146,041,731	2,151,562,278	2,157,145,175	2,162,791,420	2,168,502,027
Total Water Demand Excl. Other	2,140,816,000	2,139,397,558	2,144,856,731	2,150,377,278	2,155,960,175	2,161,606,420	2,167,317,027

Source: City of Livingston and HEC 2019.

proj d

Table A-16
City of Livingston 2019 Water Rates Update
Price Elasticity Assumptions

DRAFT

Customer Type	Estimated Elasticity	Fiscal Year Ending					
		2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Rate Increase Assumption for Inflation		4.25%	4.25%	4.25%	4.25%	4.25%	4.25%
Price Increase Adjusted for Inflation		2.05%	2.05%	2.05%	2.05%	2.05%	2.05%
Customer Type							
Attached Residential	-0.10	-0.21%	-0.21%	-0.21%	-0.21%	-0.21%	-0.21%
Detached Residential	-0.12	-0.25%	-0.25%	-0.25%	-0.25%	-0.25%	-0.25%
Commercial	-0.20	-0.41%	-0.41%	-0.41%	-0.41%	-0.41%	-0.41%
Industrial	-0.08	-0.16%	-0.16%	-0.16%	-0.16%	-0.16%	-0.16%
Irrigation	-0.30	-0.62%	-0.62%	-0.62%	-0.62%	-0.62%	-0.62%

Source: HEC.

elasticity

California CPI Change

February	2009	222.181
February	2019	276.655
Total Change		54.47
Average Annual Change		2.22%

Table A-17

City of Livingston 2019 Water Rates Update

Projected Changes in Water Demand due to Price Changes

DRAFT

Customer Category	Fiscal Year Ending					
	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Residential	<i>Projected Growth each year is twenty SF units and five 1" commercial meters</i>					
Single-Family	593,860,000	597,548,571	601,260,053	604,994,588	608,752,318	612,533,388
Multi-Family	68,351,000	68,351,000	68,351,000	68,351,000	68,351,000	68,351,000
Subtotal Residential	662,211,000	665,899,571	669,611,053	673,345,588	677,103,318	680,884,388
Non-Residential						
Commercial	81,815,000	83,590,499	85,404,529	87,257,926	89,151,544	91,086,256
Industrial	1,333,248,000	1,333,248,000	1,333,248,000	1,333,248,000	1,333,248,000	1,333,248,000
Irrigation	63,542,000	63,542,000	63,542,000	63,542,000	63,542,000	63,542,000
Other	1,185,000	1,185,000	1,185,000	1,185,000	1,185,000	1,185,000
Subtotal Non-Residential	1,479,790,000	1,481,565,499	1,483,379,529	1,485,232,926	1,487,126,544	1,489,061,256
Total Water Demand Est.	2,142,001,000	2,147,465,071	2,152,990,582	2,158,578,514	2,164,229,862	2,169,945,645
Change in Demand due to Price						
Residential						
Single-Family	-401,746	-404,242	-406,752	-409,279	-411,821	-414,379
Multi-Family	-55,487	-55,487	-55,487	-55,487	-55,487	-55,487
Subtotal Residential	-457,234	-459,729	-462,240	-464,766	-467,308	-469,866
Non-Residential						
Commercial	-110,696	-113,098	-115,552	-118,060	-120,622	-123,240
Industrial	-721,554	-721,554	-721,554	-721,554	-721,554	-721,554
Irrigation	-128,958	-128,958	-128,958	-128,958	-128,958	-128,958
Other	0	0	0	0	0	0
Subtotal Non-Residential	-961,208	-963,610	-966,065	-968,572	-971,134	-973,752
Total Water Demand Est.	-1,418,442	-1,423,339	-1,428,304	-1,433,338	-1,438,443	-1,443,618

Source: HEC 2019.

elas eff

[1] Change applied to summer months consumption only.

APPENDIX B

WASTEWATER RATE STUDY SUPPORT TABLES

Table B-1
City of Livingston 2019 Wastewater Rates Update
Historical Wastewater Fund Revenue

DRAFT

Revenues	Fiscal Year Ending		
	2017 actual	2018 actual	2019 actual
Intergovernmental			
FEMA Reimbursement	\$0	\$3,528	\$0
SJVAPCD-Grnt Veh Purchase Rev	\$0	\$9,702	(\$3,035)
Total Intergovernmental	\$0	\$13,230	(\$3,035)
Charges for Services			
User Fees	\$2,038,750	\$2,075,866	\$2,182,325
Connection Fees	\$0	\$0	\$0
MS4 Review Fees	\$0	\$2,809	\$16,464
Total Charges for Services	\$2,038,750	\$2,078,675	\$2,198,789
Fines & Forfeits			
Penalty Fees	\$24,803	\$28,702	\$22,417
Total Fines & Forfeits	\$24,803	\$28,702	\$22,417
Return on Use of Money/Property			
Interest Income	\$2,194	\$7,976	\$10,119
Rental Income	\$12,000	\$12,000	\$12,000
Doms WW Land Lease Agmt	\$2,500	\$1,000	\$0
Total Return on Use of Money	\$16,694	\$20,976	\$22,119
Miscellaneous			
Miscellaneous	\$4,188	\$19,281	\$0
Reimbursements	\$1,306	\$1,642	\$66,181
Other Revenue	\$5,494	\$20,923	\$285
Total Miscellaneous	\$10,988	\$41,847	\$66,466
Total Revenues	\$2,091,235	\$2,183,429	\$2,306,757

Source: City of Livingston financials, provided September 2019.

revs

Table B-2
City of Livingston 2019 Wastewater Rates Update

Historical Wastewater Fund Expenses

DRAFT

Operating Expenses	Fiscal Year Ending		
	2017 actual	2018 actual	2019 actual
Personnel	\$422,346	\$543,621	\$630,284
Maintenance and Operations			
Professional Services	\$29,159	\$2,627	\$3,467
Contract Services	\$170,414	\$93,526	\$84,263
RegistrationTuitionTraining	\$1,653	\$3,037	\$2,923
City Audit	\$7,420	\$7,600	\$7,600
Computer Support Agreements	\$15,757	\$21,453	\$21,012
Distribution O & M	\$6,147	\$8,141	\$6,214
Utilities	\$219,906	\$246,101	\$237,325
Soccer Field Utilities	\$1,907	\$1,890	\$1,933
Vehicle O & M	\$16,190	\$28,114	\$22,432
Equipment O & M	\$60,062	\$13,349	\$29,490
Facilities O & M	\$48,438	\$20,398	\$47,757
Storm Drain O & M	\$0	\$0	\$14,047
Wastewater Trtmtnt Plant O&M	\$5,116	\$13,543	\$51,286
RentsLeases	\$8,600	\$4,390	\$5,736
Insurance	\$59,012	\$59,075	\$61,562
CommCell PhonesTelephone	\$4,641	\$7,844	\$7,185
Advertisement	\$140	\$1,671	\$437
Printing	\$463	\$366	\$1,121
Bank Service Fee Agreements	\$5,176	\$6,467	\$7,496
TravelConferencesMeetings	\$586	\$520	\$253
Lab Processing Expense	\$16,288	\$17,892	\$26,802
Small Tools & Equipment	\$7,748	\$5,897	\$7,997
Postage	\$7,763	\$7,233	\$7,911
Miscellaneous Expenditures	\$1,392	\$831	\$262
DuesMembershipFees	\$27,150	\$41,621	\$43,554
Cost of Issuance-2016ARfndBond	\$250,931	\$0	\$0
Amortizat. Exp 2016A Refunding	(\$4,548)	(\$6,822)	\$0
Merced County Taxes	\$11,106	\$11,237	\$11,342
Total Maintenance & Operations	\$978,618	\$618,001	\$711,411
Supplies			
Office Supplies	\$3,856	\$2,741	\$2,458
Total Supplies	\$3,856	\$2,741	\$2,458
Vehicles, Equip & Improvements			
Equipment Purchase	\$42,348	\$9,976	\$60,167
Vehicle Purchase	\$0	\$0	\$81,879
Vehicle Replacement Fee	\$0	\$0	\$0
FurnitureFixtureImprovements	\$0	\$500	\$0
ImprovementsInfrastructure	\$0	\$53,802	\$0
SJVAPCD Grnt Vehicle Purchase	\$0	\$0	\$0
Vehicles, Equip & Improvements	\$42,348	\$64,278	\$142,046
Debt Service			
Refnd Bond Ser.2016A-Principal	\$0	\$0	\$180,000
USDA Series A - Interest	\$31,470	\$0	\$0
USDA Series B - Interest	\$28,553	\$0	\$0
Refund Bond Ser.2016A-Interest	\$187,023	\$271,950	\$268,450
Debt Service	\$247,046	\$271,950	\$448,450
Transfer Out	\$0	\$0	\$148,566
Total Expenses	\$1,694,213	\$1,500,591	\$2,083,214

Source: City of Livingston financials, provided September 2019.

exps

Table B-3
City of Livingston 2019 Wastewater Rates Update
Current Number of Wastewater Accounts

DRAFT

Customer Code	Billing Cycle					TOTAL
	1	2	3	4	999	
Flat Monthly Charges						
SCOO Commercial Base	3		113	3		119
SOUT Residential Outside City	2		1			3
SRES Residential	3,048	58	5	2		3,113
SMU Multi Unit Residential		21	4			25
SC02 Churches/Temples/Comm Ctrs			16			16
SC16 Schools			5			5
SHM Hotels /Motels			2			2
SCC2 Laudromat					1	1
TOTAL	3,053	79	146	5	1	3,284

Source: City of Livingston Utility Billing May 2019.

accounts

Table B-4
 City of Livingston 2019 Wastewater Rates Update
 Wastewater Treatment Plant Flow

DRAFT

Month	2016	2017	2018	Average	
				BOD	SS
	Millions of Gallons			Mg/L	Mg/L
Jan	31.27	35.02	35.24	288	346
Feb	28.38	33.80	32.14	425	1,115
Mar	31.61	32.85	35.69	288	368
Apr	30.32	34.64	33.33	250	177
May	31.28	34.60	33.77	200	155
Jun	30.40	31.65	33.12	350	403
Jul	32.26	32.38	34.11	313	320
Aug	32.20	36.66	35.00	353	630
Sep	30.08	35.31	35.14	280	353
Oct	30.39	35.38	33.98	265	440
Nov	32.55	33.60	31.39	310	411
Dec	32.89	33.62	31.26	263	193
Total	373.63	409.51	404.17	299	409
Avg. Flow per Day	1.02	1.12	1.11		

Source: City of Livingston treatment plant records.

param

Table B-5
City of Livingston 2019 Wastewater Rates Update
Wastewater Capital Improvements Plan

DRAFT

Capital Project	Funding Source	Fiscal Year Ending					
		2020	2021	2022	2023	2024	2025
Treatment Plant							
Biosolids Dewatering Equipment	Rates	\$300,000	\$200,000				
SCADA Tower	Rates	\$15,000					
Total Treatment Plant		\$315,000	\$200,000	\$0	\$0	\$0	\$0
Collection System							
Lift Station Rehabilitation (Singh & Burgandy)	Rates	\$100,000	\$100,000				
Sewer Line Replacement [1]	Grant		\$2,800,000				
Additional Sewer Line Replacement	Rates			\$200,000	\$600,000	\$650,000	\$700,000
New Disc & Ripper Tractor	Rates		\$215,000				
New Vac-On Sewer Truck	Rates			\$350,000			
Total Collection System		\$100,000	\$3,115,000	\$550,000	\$600,000	\$650,000	\$700,000
Total Wastewater System		\$6,230,000	\$415,000	\$3,315,000	\$550,000	\$600,000	\$700,000
Funded by Grants		\$2,800,000	\$0	\$2,800,000	\$0	\$0	\$0
Funded by Rates		\$3,430,000	\$415,000	\$515,000	\$550,000	\$600,000	\$700,000
Funded by Loan		\$0	\$0	\$0	\$0	\$0	\$0

Source: City of Livingston Public Works May 2019.

cip

[1] The City anticipates that this cost will be funded by a CDBG grant.

Table B-6
City of Livingston 2019 Wastewater Rates Update
2016A Sewer Revenue Refunding Bonds **DRAFT**

Fiscal Year Ending	Principal	Interest	Total Debt Service
2017	\$220,000	\$95,790	\$315,790
2018	\$175,000	\$273,700	\$448,700
2019	\$180,000	\$268,450	\$448,450
2020	\$190,000	\$261,250	\$451,250
2021	\$195,000	\$253,650	\$448,650
2022	\$200,000	\$245,850	\$445,850
2023	\$210,000	\$237,850	\$447,850
2024	\$220,000	\$229,450	\$449,450
2025	\$230,000	\$220,650	\$450,650
2026	\$240,000	\$211,450	\$451,450
2027	\$250,000	\$201,850	\$451,850
2028	\$260,000	\$191,850	\$451,850
2029	\$265,000	\$181,450	\$446,450
2030	\$280,000	\$170,850	\$450,850
2031	\$290,000	\$159,650	\$449,650
2032	\$300,000	\$148,050	\$448,050
2033	\$315,000	\$136,050	\$451,050
2034	\$325,000	\$123,450	\$448,450
2035	\$335,000	\$112,888	\$447,888
2036	\$345,000	\$102,000	\$447,000
2037	\$355,000	\$90,788	\$445,788
2038	\$365,000	\$78,806	\$443,806
2039	\$385,000	\$66,488	\$451,488
2040	\$395,000	\$53,494	\$448,494
2041	\$410,000	\$40,163	\$450,163
2042	\$420,000	\$26,325	\$446,325
2043	\$360,000	\$12,150	\$372,150

Source: Revenue Bond documents.

ref bonds

Table B-7
City of Livingston 2019 Wastewater Rates Update
Summary of Depreciation in Rates

DRAFT

Facility Depreciation	Fiscal Year Ending					
	2020	2021	2022	2023	2024	2025
Existing System [1]	\$391,005	\$391,005	\$391,005	\$391,005	\$391,005	\$391,005
New Facilities	\$12,800	\$80,765	\$120,936	\$129,251	\$138,575	\$148,967
Total Depreciation	\$403,805	\$471,770	\$511,941	\$520,256	\$529,580	\$539,972
Percentage in Rates	0%	0%	0%	0%	0%	0%
Depreciation in Rates	\$0	\$0	\$0	\$0	\$0	\$0

Source: City of Livingston May 2019 and HEC.

depr

[1] Current annual depreciation:

Lift Stations	\$30,424
Collection System	\$12,516
Treatment Plant	\$324,512
Equipment & Vehicles	\$23,554
Total Annual Depreciation	\$391,005

Table B-8
City of Livingston 2019 Wastewater Rates Update

Depreciation for New CIP

DRAFT

Wastewater System	Useful Life	Fiscal Year Ending					
		2020	2021	2022	2023	2024	2025
Treatment Plant							
	years						
Biosolids Dewatering Equipment	30	\$10,000	\$16,900	\$16,900	\$16,900	\$16,900	\$16,900
SCADA Tower	50	\$300	\$300	\$300	\$300	\$300	\$300
Total Treatment Plant		\$10,300	\$17,200	\$17,200	\$17,200	\$17,200	\$17,200
Collection System							
Lift Station Rehabilitation (Singh & Burgandy)	40	\$2,500	\$5,088	\$5,088	\$5,088	\$5,088	\$5,088
Sewer Line Replacement	80	\$0	\$36,225	\$36,225	\$36,225	\$36,225	\$36,225
Additional Sewer Line Replacement	80	\$0	\$0	\$2,678	\$10,993	\$20,317	\$30,709
New Disc & Ripper Tractor	10	\$0	\$22,253	\$22,253	\$22,253	\$22,253	\$22,253
New Vac-On Sewer Truck	10	\$0	\$0	\$37,493	\$37,493	\$37,493	\$37,493
Total Collection System		\$2,500	\$63,565	\$103,736	\$112,051	\$121,375	\$131,767
TOTAL		\$12,800	\$80,765	\$120,936	\$129,251	\$138,575	\$148,967

Source: City of Livingston capital improvement plan June 2019, and HEC.

new depr

Table B-9
City of Livingston 2019 Wastewater Rates Update
Projected Costs and Distribution between Collection and Treatment System
DRAFT
Fiscal Year Ending 2020
Year 1

Expenditures	Projected Total	Allocation		Collection		Treatment		
		Collection	Treatment	Operations	Capital	Operations	Capital	
		Total	Total	Total	Total	Total	Total	
Personnel	\$668,101	20%	80%	\$133,620		\$534,481		\$534,481
Professional & Contract Services	\$98,190	20%	80%	\$19,638		\$78,552		\$78,552
Treatment Plant O&M	\$53,081	20%	80%	\$10,616		\$42,465		\$42,465
Collection & Facilities O&M	\$55,860	20%	80%	\$11,172		\$44,688		\$44,688
Utilities	\$248,828	20%	80%	\$49,766		\$199,063		\$199,063
Facilities, Equipment & Other O&M	\$68,278	20%	80%	\$13,656		\$54,622		\$54,622
Tools, Subscriptions, Supplies	\$213,256	20%	80%	\$42,651		\$170,605		\$170,605
Series 2016A Refunding	\$451,250	20%	80%		\$90,250		\$361,000	\$361,000
New Debt Service	\$0	20%	80%		\$0		\$0	\$0
System Rehabilitation and New Projects	\$465,000	20%	80%		\$93,000		\$372,000	\$372,000
Additional Collection for Depreciation	\$0	20%	80%		\$0		\$0	\$0
Subtotal Costs	\$2,321,844			\$281,119	\$183,250	\$1,124,475	\$733,000	\$1,857,475
Addition to Operating Reserve	\$50,000							
Less Offsetting Credits	(\$54,000)							
Adjustment	\$161,050							
Total	\$2,478,894							

Source: City of Livingston financials, September 2019, and HEC.

distr

Table B-10
 City of Livingston 2019 Wastewater Rates Update
 Unit Cost Determination

Year 1
 Fiscal Year Ending 2020

DRAFT

Cost Category	Percent Allocation			Cost			Total Influent			Unit Cost Per:			
	Allocated Costs	Flow	BOD	SS	Flow	BOD	SS	Flow	BOD	SS	Mgal of Flow	Klb of BOD	Klb of SS
	(A)	(B)	(C)	(D)	(E) = (A)*(B)	(F) = (A)*(C)	(G) = (A)*(D)	(H)	(I)	(J)	(K) = (E)/(H)	(L) = (F)/(I)	(M) = (G)/(J)
Operating Costs													
Collection System Costs	\$281,119	100%	0%	0%	\$281,119	\$0	\$0	395	962	983	\$712	\$0	\$0
Treatment Costs	\$1,124,475	60%	20%	20%	\$674,685	\$224,895	\$224,895	395	962	983	\$1,709	\$234	\$229
Capital Costs													
Collection System Costs	\$183,250	100%	0%	0%	\$183,250	\$0	\$0	395	962	983	\$464	\$0	\$0
Treatment Costs	\$733,000	60%	20%	20%	\$439,800	\$146,600	\$146,600	395	962	983	\$1,114	\$152	\$149
Subtotal Collection Costs	\$464,369	100%	0%	0%	\$464,369	\$0	\$0						
Subtotal Treatment Costs	\$1,857,475	60%	20%	20%	\$1,114,485	\$371,495	\$371,495						
Subtotal Costs	\$2,321,844	68%	16%	16%	\$1,578,854	\$371,495	\$371,495						
Addition to Operating Reserve	\$50,000	68%	16%	16%	\$34,000	\$8,000	\$8,000	395	962	983	\$86	\$8	\$8
Less Offsetting Credits	(\$54,000)	68%	16%	16%	(\$36,720)	(\$8,640)	(\$8,640)	395	962	983	(\$93)	(\$9)	(\$9)
Adjustment	\$161,050	68%	16%	16%	\$109,514	\$25,768	\$25,768	395	962	983	\$277	\$27	\$26
TOTAL COSTS	\$2,428,894				\$1,685,648	\$396,623	\$396,623				\$4,271	\$412	\$404

Source: City of Livingston financials, September 2019, and HEC.

units

Table B-11

City of Livingston 2019 Wastewater Rates Update

Year 1

Allocation of Costs to Flow, BOD and SS by Customer Category

DRAFT Fiscal Year Ending 2020

Unit Cost / Customer Category	Collection			Treatment			Other			TOTAL	
	Flow MG/Yr	BOD Klb/Yr	SS Klb/Yr	Flow \$/Mgal	BOD \$/Klb	SS \$/Klb	Flow \$/Mgal	BOD \$/Klb	SS \$/Klb		
Unit Cost				\$1,177	\$386	\$378	\$2,824	\$271	\$26	\$26	
Residential											
Detached	284.3	592.8	592.8	\$334,547	\$229,020	\$224,104	\$802,913	\$76,938	\$15,491	\$15,158	
Attached	46.3	96.4	96.4	\$54,421	\$37,255	\$36,455	\$130,610	\$12,516	\$2,520	\$2,466	
Non-Residential											
Churches/Temples/Comm. Ctrs.	1.7	2.2	2.4	\$1,958	\$831	\$892	\$4,700	\$450	\$56	\$60	
Schools (with cafeteria)	13.3	25.6	18.4	\$15,702	\$9,889	\$6,942	\$37,685	\$3,611	\$669	\$470	
Hotel/Motel	3.4	9.9	14.2	\$3,994	\$3,828	\$5,351	\$9,585	\$919	\$259	\$362	
Light Industrial	8.8	73.1	58.4	\$10,307	\$28,223	\$22,094	\$24,737	\$2,370	\$1,909	\$1,494	
Commercial	36.9	161.7	200.1	\$43,440	\$62,448	\$75,657	\$104,255	\$9,990	\$4,224	\$5,117	
TOTAL	394.7	961.6	982.7	\$464,369	\$371,495	\$371,495	\$1,114,485	\$106,794	\$25,128	\$25,128	\$2,478,894

Source: City of Livingston financials, September 2019, and HEC.

alloc

Table B-12

City of Livingston 2019 Wastewater Rates Update
Calculated Cost per Thousand Gallons

DRAFT Year 1
Fiscal Year Ending 2020

Customer Type	Allocated Cost	Percentage of Cost	Annual Flow (MG)	Cost per 1,000 Gallons
Residential				
Detached	\$1,698,173	68.5%	284.34	\$5.97
Attached	\$276,242	11.1%	46.25	\$5.97
Subtotal Residential	\$1,974,414	79.6%	330.59	\$5.97
Non-Residential				
Churches/Temples/Comm. Ctrs.	\$8,948	0.4%	1.66	\$5.38
Schools (with cafeteria)	\$74,967	3.0%	13.35	\$5.62
Hotel/Motel	\$24,297	1.0%	3.39	\$7.16
Light Industrial	\$91,135	3.7%	8.76	\$10.40
Commercial	\$305,132	12.3%	36.92	\$8.26
Subtotal Non-Residential	\$504,480	20.4%	64.08	\$7.87
TOTAL	\$2,478,894	100.0%	394.67	\$6.28

Source: City of Livingston financials, September 2019, and HEC.

cos

Table B-13
City of Livingston 2019 Wastewater Rates Update

Projected Number of Billing Units

DRAFT

Customer Categories		2020	2021	2022	2023	2024	2025
	<i>Growth Rate [1] ---></i>		1.5%	1.5%	1.5%	1.5%	1.5%
Residential	Units	3,692	3,747	3,804	3,861	3,919	3,977
Non-Residential							
Churches/Temples/Comm. Ctrs.	Accounts	16	16	16	16	16	16
Schools (with cafeteria) [2]	Students	3,892	3,912	3,931	3,951	3,971	3,991
Hotel/Motel	Rooms	93	93	93	93	93	93
Light Industrial	Accounts	1	1	1	1	1	1
Commercial	Accounts	119	121	123	124	126	128
Flow Projection							
Light Industrial	Mgals	8.8	8.8	8.8	8.8	8.8	8.8
Commercial	Mgals	36.9	37.5	38.0	38.6	39.2	39.8

Source: City of Livingston customer records May 2019, and HEC.

services

[1] Growth rate applied to residential and commercial categories only.

[2] Uses growth rate of 0.5%.

APPENDIX C

SOLID WASTE RATE STUDY SUPPORT TABLES

Table C-1
City of Livingston 2019 Solid Waste Rates Update
Historical Sanitation Fund Revenues

DRAFT

Revenues	Fiscal Year Ending		
	2017	2018	2019
	actual	actual	actual
Intergovernmental			
Grant Funds	\$10,000	\$5,000	\$5,000
CMAQ Grant For CNG Sweeper	\$0	\$0	\$0
SJVAPCD-Grnt Veh Purchase Rev	\$0	\$9,702	(\$3,035)
Subtotal Intergovernmental	\$10,000	\$14,702	\$1,965
Charges for Services			
User Fees	\$1,371,342	\$1,386,815	\$1,417,249
Developer Impact Fees	\$0	\$0	\$0
Subtotal Charges for Services	\$1,371,342	\$1,386,815	\$1,417,249
Fines & Forfeitures			
Penalty Fees	\$15,229	\$17,733	\$15,595
Subtotal Fines & Forfeitures	\$15,229	\$17,733	\$15,595
Return on Use of Money/Property			
True Value Parking Lot Maint	\$0	\$0	\$0
Plaza Parking Lot Maint	\$0	\$0	\$0
Interest Income	\$1,476	\$7,549	\$10,875
Subtotal Return on Use of Money/Property	\$1,476	\$7,549	\$10,875
Miscellaneous			
Reimbursements/Refunds	\$3,080	\$9,782	\$5,991
Other Revenue	\$407	\$236	\$71
RMA Insurance Refunds	\$0	\$0	\$0
Subtotal Miscellaneous	\$3,487	\$10,019	\$6,061
Total Revenues	\$1,401,534	\$1,436,818	\$1,451,745

Source: City of Livingston financials November 2019.

rev

Table C-2
City of Livingston 2019 Solid Waste Rates Update
Historical Sanitation Fund Expenses

DRAFT

Expenses	Fiscal Year Ending		
	2017 actual	2018 actual	2019 actual
Personnel	\$91,307	\$180,716	\$177,295
Maintenance and Operations			
Professional Services	\$3,727	\$1,123	\$1,180
Contract Services	\$54,788	\$18,930	\$17,060
Service Agreements	\$0	\$0	\$0
Disposal Contract Services	\$907,749	\$919,518	\$997,084
RegistrationTuitionTraining	\$81	\$0	\$0
City Attorney	\$0	\$0	\$0
City Audit	\$7,420	\$7,600	\$8,000
Computer Support Agreements	\$14,639	\$22,009	\$21,136
Plaza Parking Lot O & M	\$0	\$0	\$0
Utilities	\$0	\$0	\$0
Vehicle O & M	\$2,807	\$942	\$5,050
Equipment O & M	\$13	\$39	\$0
Facilities O & M	\$810	\$120	\$0
True Value Parking Lot O & M	\$0	\$0	\$0
RentsLeases	\$0	\$0	\$0
Street Sweeper O & M	\$0	\$0	\$0
Insurance	\$5,594	\$4,811	\$4,831
CommCell PhonesTelephone	\$134	\$2,201	\$2,447
Advertisement	\$0	\$0	\$417
Printing	\$463	\$366	\$507
Bank Service Fee Agreements	\$5,176	\$6,467	\$7,496
Trustee Fees	\$0	\$0	\$0
TravelConferencesMeetings	\$586	\$102	\$146
Small Tools & Equipment	\$351	\$434	\$82
Office Supplies	\$3,230	\$2,412	\$2,178
Postage	\$7,774	\$7,192	\$7,905
ReimbursementRefunds	\$0	\$0	\$0
Miscellaneous Expenditures	\$0	\$78	(\$56)
BooksSubscriptionsPeriodical	\$0	\$0	\$0
DuesMembershipFees	\$2,088	\$482	\$732
RecycleLitter Grant Expense	(\$11,947)	\$0	\$12,698
Payment In Lieu Tax	\$0	\$0	\$0
Bad Debt Write Offs	\$0	\$0	\$0
Subtotal Maintenance and Operations	\$1,005,483	\$994,826	\$1,088,893
Vehicles, Equip & Improvements			
Equipment Purchase	\$788	\$3,592	\$0
Garbage Container Purchase	\$0	\$0	\$0
Vehicle Purchase	\$0	\$0	\$0
Vehicle Replacement Fee	\$0	\$0	\$0
Purchase Street Sweeper	\$0	\$0	\$0
FurnitureFixtureImprovements	\$0	\$199	\$0
SJVAPCD Grant Vehicle Purchase	\$0	\$0	\$0
Subtotal Vehicles, Equip. & Improvements	\$788	\$3,791	\$0
Total Expenses	\$1,097,578	\$1,179,333	\$1,266,188

Source: City of Livingston financials November 2019.

exp

Table C-3
City of Livingston 2019 Solid Waste Rates Update
Gilton Rates Fiscal Year 2019/20

DRAFT

Collections per Week	Rates Effective 1 July 2019				
	x1	x2	x3	x4	x5
Residential					
96 gal. cart	\$17.05				
Add'l cart	\$4.50				
96 gal. cart greenwaste	\$0.90				
Add'l greenwaste cart	\$4.50				
Multi-Family & Comm'l					
1 CY	\$32.10	\$63.64	\$95.08	\$126.59	\$158.09
2 CY	\$63.98	\$126.82	\$191.21	\$254.57	\$317.91
3 CY	\$94.79	\$179.29	\$270.16	\$355.47	\$432.46
4 CY	\$121.33	\$236.43	\$369.77	\$452.14	\$541.71
6 CY	\$170.59	\$332.35	\$508.54	\$634.08	\$798.17
Organics Bin (New)	\$179.04	\$348.86			
Commercial - Compacting Bins					
3 CY	\$329.63	\$635.26	\$1,271.80	\$1,271.80	\$1,589.74
4 CY	\$418.11	\$800.37	\$1,695.72	\$1,695.72	\$2,119.67
Standard Recycle Bins					
4 CY	\$48.39	\$96.78	\$193.58	\$193.58	\$241.96
6 CY	\$48.39	\$96.78	\$193.58	\$193.58	\$241.96

Source: Letter 5/22/19 from Gilton Solid Waste Management, Inc.

gilton

Table C-4
City of Livingston 2019 Solid Waste Rates Update

Projected Number of Sanitation Services

DRAFT

Customer Type	Current No. of Customers <i>Estimated Growth Rate --></i>	Projected Number of Services					
		2020 <i>0.0%</i>	2021 <i>1.5%</i>	2022 <i>1.5%</i>	2023 <i>1.5%</i>	2024 <i>1.5%</i>	2025 <i>1.5%</i>
Residential							
96 gal. cart	3,082	3,082	3,128	3,175	3,223	3,271	3,320
Add'l cart	284	284	288	293	297	301	306
96 gal. cart greenwaste	3,055	3,055	3,101	3,147	3,195	3,242	3,291
Add'l greenwaste cart	7	7	7	7	7	7	8
Multi-Family & Comm'l - 1x / Week							
1 CY	7	7	7	7	7	7	8
2 CY	27	27	27	28	28	29	29
3 CY	13	13	13	13	14	14	14
4 CY	17	17	17	18	18	18	18
6 CY	7	7	7	7	7	7	8
Multi-Family & Comm'l - 2x/Week							
1 CY	0	0	0	0	0	0	0
2 CY	1	1	1	1	1	1	1
3 CY	4	4	4	4	4	4	4
4 CY	12	12	12	12	13	13	13
6 CY	9	9	9	9	9	10	10
Multi-Family & Comm'l - 3x/Week							
1 CY	0	0	0	0	0	0	0
2 CY	0	0	0	0	0	0	0
3 CY	0	0	0	0	0	0	0
4 CY	5	5	5	5	5	5	5
6 CY	3	3	3	3	3	3	3
TOTAL	6,533	6,533	6,631	6,730	6,831	6,934	7,038

Source: City of Livingston and HEC May 2019.

services

STAFF REPORT

AGENDA ITEM: A RESOLUTION AND ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LIVINGSTON ADOPTING A NEW RATE SCHEDULE FOR DOMESTIC WASTEWATER SERVICE (SEWER SERVICE) – PROPOSITION 218 PUBLIC HEARING

MEETING DATE: March 17, 2020

PREPARED BY: Vanessa L. Portillo, Finance Director
Catherine Hansford, Consultant

REVIEWED BY: Jose Antonio Ramirez, City Manager

RECOMMENDATION

Staff recommends that the City Council take the following actions:

1. Open Public Hearing;
2. Close Public Hearing and determine whether a majority protest exists. If no majority protest exists, continue to recommendations 3 and 4 below;
3. Adopt Resolution No. 2020-__, adopting a New Rate Schedule for Domestic Wastewater Service, effective May 7, 2020; and
4. Waive first reading and introduce Ordinance No. ____, adopting a New Rate Schedule for Domestic Wastewater Service, effective May 7, 2020.

BACKGROUND

In 1996, California voters approved Proposition 218, the “Right to Vote on Taxes Act,” which added Articles XI11C and XI11D to the California Constitution. Since its adoption, various court cases in 2005 and 2006, most notably *Bighorn-Desert View Water Agency v. Verjil*; *Richmond v. Shasta Community Services District*; and the *Howard Jarvis Taxpayers Association v. City of Fresno*, extended the application of Proposition 218 from general taxes and assessments to utility user fees provided by public agencies (i.e., sewer, water, and waste collection, etc.).

The City hired Hansford Economic Consulting on February 5, 2019, to perform utility rate studies on the City’s enterprise funds; water, wastewater, and solid waste/sanitation. After analysis, reviews, discussions, and input from various groups including but not limited to the following; City staff, Stakeholders’ Committee, City Council, the public, engineering firms, and other consultants, the City Council authorized staff on January 31, 2020, to conduct a Proposition 218 process and establish a public hearing date for consideration of increased fees charged for wastewater service.

Final Utility Rate Study reports were translated into Spanish and Punjabi, and were made available on City’s website for public access and review.

Proposition 218 (Article XI11D of the California Constitution) required notification to affected property owners at least 45 days prior to the scheduled hearing. Staff sent property owners and affected tenants such notice.

The City held three (3) public workshops (February 25th, March 5th, and March 12th of 2020) regarding the proposed wastewater rate increase; one workshop was conducted in English, one in Spanish, and one in Punjabi.

Protest ballots are accepted up to the conclusion of the public hearing. At the conclusion of the public hearing, the protest ballots will be tabulated and presented to the City Council. If a majority of the owners of parcels on which the fee is imposed protest, the proposed new wastewater fees and charges cannot be adopted.

ANALYSIS

REASON FOR INCREASE IN RATES:

The wastewater rates increase is proposed to:

1. Replenish the debt reserve fund per the United States Department of Agriculture loan requirements.
2. Provide a reliable and safe operating wastewater system.
3. Fully fund the operating and capital costs of the system leaving more funding available for other essential City services.

A summary comparison of current and proposed wastewater rates by customer group is shown in the table below.

Calculated Five-Year Wastewater Rate Schedule

Customer Category	Billing Basis	Current Rates Effective --->	FY 2019/20 Jan. 2020	FY 2020/21 Jan. 2021	FY 2021/22 Jan. 2022	FY 2022/23 Jan. 2023	FY 2023/24 Jan. 2024	FY 2024/25 Jan. 2025
Residential	per unit	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Non-Residential								
Churches/Temples/Comm. Ctrs.	per account	\$42.28	\$46.61	\$50.22	\$52.66	\$54.66	\$57.81	\$61.14
Schools (with cafeteria)	per student	\$1.46	\$1.69	\$1.82	\$1.90	\$1.98	\$2.09	\$2.21
Hotel/Motel	per room	\$17.22	\$21.77	\$23.46	\$24.60	\$25.53	\$27.01	\$28.56
Light Industrial (Base)	per account	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Commercial (Base)	per account	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Variable Charges for Non-Residential Only								
Light Industrial [1]	per gallon	\$0.010417	\$0.010781	\$0.011145	\$0.011686	\$0.012129	\$0.012829	\$0.013567
Commercial [2]	per gallon	\$0.003837	\$0.006541	\$0.007049	\$0.007391	\$0.007671	\$0.008114	\$0.008580

Source: 2019 HEC rate study.

sumim

[1] Charge applied to the first 95% of total water use per month.

[2] Charge applied to the first 70% of total water use per month.

ALTERNATIVES

1. City Council cannot move forward with the implementation of the increase in wastewater fees and changes if a majority of written protests is received from affected property owners by close of the public hearing.

2. City Council could elect not to proceed with the increase in wastewater fees and charges as presented in the public hearing notice, or proceed with rates lower than presented. This alternative is not recommended due to the economic benefit of having a wastewater system that complies with all state and federal water quality standards.

WHY A RESOLUTION AND AN ORDINANCE? VOTING REQUIREMENTS

The City Council is presented with both a Resolution and an Ordinance establishing the new rates. In 2014, the City Council decided to do all rate increases by ordinances; however, since Livingston Municipal Code section 9-6-25 states that the City shall adopt a schedule of charges and fees by resolution, the Council is being asked to adopt both in order to comply with all intentions and requirements. Staff is presenting an Ordinance as well to be consistent with past practice.

Although the rates are being established by a Resolution and an Ordinance, the intent is to have both establish rates at the same time. Since ordinances require two readings and a 30-day wait period after adoption for the rates to be effective. The attached Resolution indicates that the approval of the Wastewater Service Rates under the Resolution are contingent on the adoption of Ordinance No. ____, and shall be in effect on May 7, 2020; however, the rates would not be in effect until May 7, 2020.

FISCAL IMPACT

Sufficient levels of funding/revenues to cover ongoing operational costs including Capital Improvement Projects outlined in utility rate study.

ATTACHMENTS

1. Resolution No. 2020-__, adopting a New Rate Schedule for Domestic Wastewater Service, Effective May 7, 2020.
2. Ordinance No. ____, adopting a New Rate Schedule for Domestic Wastewater Service, Effective May 7, 2020.
3. Proposed Wastewater Rate Schedule – Exhibit A
4. Utility Rate Study Report – Exhibit B

3492800.3

RESOLUTION NO. 2020-__

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LIVINGSTON
ADOPTING A NEW RATE SCHEDULE FOR DOMESTIC WASTEWATER SERVICE,
EFFECTIVE MAY 7, 2020**

WHEREAS, the City of Livingston (the “City”) provides domestic wastewater services to its residents; and

WHEREAS, the City charges customers of this utility a charge to fund the on-going operation and maintenance of the domestic wastewater services; and

WHEREAS, Chapter 9-6 entitled “Sewer Service System” of the Livingston Municipal Code provides for the establishment and operation of a wastewater system and the imposition and collection of certain fees and charges from recipients of wastewater services; and

WHEREAS, pursuant to Section 9-6-25 of the Livingston Municipal Code, the costs of operation, maintenance, debt service, equipment replacement and any and all other costs of administration of the City wastewater collection, treatment and disposal system are authorized to be levied against all users thereof in proportion to the quantity and quality of the discharge; and

WHEREAS, Section 9-6-25 of the Livingston Municipal Code provides for the setting of wastewater schedule of charges and fees by resolution; and

WHEREAS, the City of Livingston determined to undertake a rate study to analyze the revenue requirements and the rate structure that should be adopted to proportionately allocate the costs of providing wastewater service to its wastewater customers. The rate study was prepared by Hansford Economic Consulting Inc., and has been on file at Livingston City Hall since the notices to property owners and customers were sent out on January 31, 2020; and

WHEREAS, charges for local agency wastewater service have been held to be “property related fees or charges” subject to the requirements of Article XIID of the California Constitution, also known as Proposition 218, pursuant to the holding in *Bighorn-Desert View Water Agency v. Verjil* (2006) 39 C4th 205; and

WHEREAS, Section 6 of Article XIID of the California Constitution provides that imposing or increasing any property related fee or charge requires identifying the parcels on which the fee or charge will be imposed, and providing notice by mail of the proposed fee or charge to the record owner of each identified parcel indicating the amount of the fee or charge to be imposed on each parcel, the basis on which the amount of the proposed fee or charge was calculated, the reason for the fee or charge, and the date, time, and location of a public hearing on the proposed fee or charge; and

WHEREAS, Section 53756 of the California Government Code provides that agencies providing water and sewer service may adopt a schedule of fees or charges authorizing automatic adjustments that pass through increases in wholesale charges for water, sewage treatment, or wastewater treatment or inflation adjustments, subject to requirements specified in that Section; and

WHEREAS, Section 6 of Article XIID of the California Constitution further provides that hearings on proposed property-related fees or charges must be conducted at least forty-five (45) days after mailed notice to the owners of each identified parcel on which the fee or charge is proposed to be imposed, and that at the hearing, the local agency must consider all protests against the proposed fee or

charge, and that if written protests against the proposed fee or charge are presented by a majority of owners of the identified parcels, the agency shall not impose the fee or charge; and

WHEREAS, the City Council directed that notice of a hearing (“Hearing”) thereon be given to the property owners and tenants in the City, with such notice to include, among other matters, the information required to be included pursuant to California Constitution Article XIII D section 6; and

WHEREAS, such notice has been mailed to those persons, at least forty-five (45) days before the Hearing; and

WHEREAS, City staff has worked closely with a Stakeholders’ Committee, a Committee formed by the City Council, made up of two (2) Council Members and members of the community, to analyze the City’s wastewater service needs and draft rate studies; and

WHEREAS, the City held several workshops to inform the public of the proposed wastewater service rates; and

WHEREAS, the City held workshops regarding the utility rate study in English, Spanish, and Punjabi. The workshops were held in the City Council Chambers as follows: February 25, 2020, March 5, 2020 and March 12, 2020; and

WHEREAS, pursuant to Government Code section 54354.5, notice of a hearing was given with such notice including the information required to be included by Government Code section 54354.5; and

WHEREAS, the notice required under Government Code section 54354.5 must be published at least once each week for two (2) weeks prior to the hearing in a newspaper published within the local agency jurisdiction, with the first publication occurring at least fifteen (15) days prior to the hearing; and

WHEREAS, such notice has been published once each week for two (2) weeks, in accordance with Government Code section 54354.5, in the Merced Sun-Star on _____, 2020 and _____, 2020 as evidenced by Proofs of Publication on file with the City Clerk; and

WHEREAS, the Hearing was held March 17, 2020; and

WHEREAS, at the Hearing, the City Council heard and considered all oral testimony, written materials, and written protests concerning the establishment and imposition of the proposed rate increases to the wastewater service rates (“Wastewater Service Rates”); and

WHEREAS, upon close of the Hearing, the City did not receive written protests against the establishment and imposition of the proposed rate increases to the Wastewater Service Rates from a majority of the affected property owners and tenants directly liable for the payment of the Wastewater Service Rates; and

WHEREAS, the proposed domestic Wastewater Service Rates are not discriminatory or excessive, are sufficient under Government Code section 54515, comply with the provisions or covenants of any outstanding revenue bonds of the City payable from the revenues of the domestic wastewater enterprise, comply with the provisions of Title 5, Division 2, Part 1, Chapter 6 of the Government Code, and are in compliance with all other applicable law; and

WHEREAS, the revenues derived from the proposed sewer service rates will not exceed the funds required to provide the domestic wastewater services and shall be used exclusively for the domestic wastewater service system; and

WHEREAS, the amount of the proposed sewer service rates will not exceed the proportional cost of the service attributable to each parcel upon which they are proposed for imposition; and

WHEREAS, the proposed domestic wastewater service rates will not be imposed on a parcel unless the domestic wastewater services are actually used by, or immediately available to, the owner of the parcel; and

WHEREAS, due to Section 9-6-25 of the Livingston Municipal Code stating that the City shall adopt a schedule of charges and fees by resolution, the City has prepared both this Resolution and Ordinance No. ____, adopting the new rate schedule for the Wastewater Service Rates; and

WHEREAS, this Resolution and Ordinance No. ____ shall supersede all other previous resolutions that may conflict with, or be contrary to, this Resolution and Ordinance No. ____ respecting the Water Service Rates described more particularly herein.

NOW, THEREFORE, the City Council of the City of Livingston resolves as follows:

SECTION 1. RECITALS

The foregoing recitals are true and correct and made a part of this Resolution.

SECTION 2. WASTEWATER SERVICE RATES ADJUSTMENT – LEVY OF CHARGES

Pursuant to Title 5, Division 2, Part 1, Chapter 6 of the Government Code (“Revenue Bond Law”), the City’s police power, and Title 9, Chapter 5, section 9-6-25 of the Livingston Municipal Code, the increased Wastewater Service Rates as attached hereto as **Exhibit A** are hereby approved.

SECTION 3. DELINQUENT CHARGES CONSTITUTE A LIEN

Delinquent charges and penalties when recorded in accordance with the provisions of the Revenue Bond Law shall constitute a lien upon the real property served.

SECTION 4. CEQA

The City Council hereby finds that the levy of the proposed sewer service rates as supported by a domestic wastewater and solid waste rate study prepared by Hansford Economic Consulting Inc. (which is incorporated herein by reference), is exempt from CEQA review under Public Resources Code section 21080(b)(8) and CEQA Guidelines section 15273 because the proposed sewer service rates are necessary and reasonable to fund the administration, operation, maintenance, and improvements of the City’s domestic wastewater system, are necessary to maintain service within the City’s existing service area, and will not result in expansion of the system. The City Council further finds that the action entails the creation of a government funding mechanism which is exempt from CEQA as not being a “project” pursuant to CEQA guidelines section 15378. The City Council authorizes the City Clerk to file a notice of exemption with the County Clerk to that effect.

SECTION 5. GENERAL AUTHORIZATION

The City Manager is hereby authorized and directed, for and in the name of and on behalf of the City, to execute and deliver any and all documents, to do any and all things and take any and all actions that may be necessary or advisable, in their discretion, in order to effect the purposes of this Resolution. All actions heretofore taken by officers, employees, and agents of the City that are in conformity with the purposes and intent of this resolution are hereby approved, confirmed, and ratified.

SECTION 6. SEVERABILITY

If any provision of this Resolution or the application thereof to any person or circumstance, is held invalid, the remainder of the Resolution, including the application of such part or provision to other persons or circumstances shall not be affected thereby and shall continue in full force and effect. To this end, provisions of this Resolution are severable. The City Council hereby declares that it would have passed each section, subsection, subdivision, paragraph, sentence, clause, or phrase hereof irrespective of the fact that any one or more sections, subsections, subdivisions, paragraphs, sentences, clauses, or phrases be held unconstitutional, invalid or unenforceable.

SECTION 7. SUPERSESION/REPEAL

Resolution No. 2014-21 adopted May 20, 2014, and any and all other resolutions or ordinances and parts thereof in conflict with the provisions of this Resolution and Ordinance No. ___ are superseded and repealed, effective on the effective date of the Ordinance No. ___. However, violations, rights accrued, liabilities accrued, or appeals taken, prior to the effective date of Ordinance No. ___ and this Resolution, under any chapter, ordinance, or part of an ordinance, or resolution or part of a resolution, shall be deemed to remain in full force for the purpose of sustaining any proper suit, action, or other proceedings, with respect to any such violation, right, liability, or appeal.

SECTION 8. EFFECTIVE DATE

This Resolution shall take effect on the effective date of Ordinance No. ___, which if adopted by the City Council on April 7, 2020, shall be effective thirty (30) days after adoption. The increased Wastewater Service Rates, as attached hereto as **Exhibit A**, shall become effective on May 7, 2020, contingent on adoption of Ordinance No. ___.

PASSED AND ADOPTED this 17th day of March, 2020, by the following votes:

AYES:

NOES:

ABSENT:

ABSTAIN:

Gurpal Samra, Mayor
of the City of Livingston

ATTEST:

I, hereby certify that the foregoing Resolution was regularly introduced, passed and adopted at a Regular Meeting of the City Council of the City of Livingston this 17th day of March, 2020.

Antonio Silva, City Clerk
of the City of Livingston

3492828.3

ORDINANCE NO. ____

**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LIVINGSTON
ADOPTING A NEW RATE SCHEDULE FOR DOMESTIC WASTEWATER SERVICE,
EFFECTIVE MAY 7, 2020**

WHEREAS, the City of Livingston (the “City”) provides domestic wastewater services to its residents; and

WHEREAS, the City charges customers of this utility a charge to fund the on-going operation and maintenance of the domestic wastewater services; and

WHEREAS, Chapter 9-6 entitled “Sewer Service System” of the Livingston Municipal Code provides for the establishment and operation of a wastewater system and the imposition and collection of certain fees and charges from recipients of wastewater services; and

WHEREAS, pursuant to Section 9-6-25 of the Livingston Municipal Code, the costs of operation, maintenance, debt service, equipment replacement and any and all other costs of administration of the City wastewater collection, treatment and disposal system are authorized to be levied against all users thereof in proportion to the quantity and quality of the discharge; and

WHEREAS, Section 9-6-25 of the Livingston Municipal Code provides for the setting of wastewater schedule of charges and fees by resolution; and

WHEREAS, the City of Livingston determined to undertake a rate study to analyze the revenue requirements and the rate structure that should be adopted to proportionately allocate the costs of providing wastewater service to its wastewater customers. The rate study was prepared by Hansford Economic Consulting Inc., and has been on file at Livingston City Hall since the notices to property owners and customers were sent out on January 31, 2020; and

WHEREAS, charges for local agency wastewater service have been held to be “property related fees or charges” subject to the requirements of Article XIID of the California Constitution, also known as Proposition 218, pursuant to the holding in *Bighorn-Desert View Water Agency v. Verjil* (2006) 39 C4th 205; and

WHEREAS, Section 6 of Article XIID of the California Constitution provides that imposing or increasing any property related fee or charge requires identifying the parcels on which the fee or charge will be imposed, and providing notice by mail of the proposed fee or charge to the record owner of each identified parcel indicating the amount of the fee or charge to be imposed on each parcel, the basis on which the amount of the proposed fee or charge was calculated, the reason for the fee or charge, and the date, time and location of a public hearing on the proposed fee or charge; and

WHEREAS, Section 53756 of the California Government Code provides that agencies providing water and sewer service may adopt a schedule of fees or charges authorizing automatic adjustments that pass through increases in wholesale charges for water, sewage treatment, or wastewater treatment or inflation adjustments, subject to requirements specified in that section; and

WHEREAS, Section 6 of Article XIID of the California Constitution further provides that hearings on proposed property-related fees or charges must be conducted at least forty-five (45) days after mailed notice to the owners of each identified parcel on which the fee or charge is proposed to be

imposed, and that at the hearing, the local agency must consider all protests against the proposed fee or charge, and that if written protests against the proposed fee or charge are presented by a majority of owners of the identified parcels, the agency shall not impose the fee or charge; and

WHEREAS, the City Council directed that notice of a Proposition 218 hearing (“Proposition 218 Hearing”) thereon be given to the property owners and tenants in the City, with such notice to include, among other matters, the information required to be included pursuant to California Constitution Article XIII D section 6; and

WHEREAS, such notice has been mailed to those persons, at least forty-five (45) days before the Proposition 218 Hearing; and

WHEREAS, the Revenue Bond Law of 1941, codified in section 54300 and following of the California Government Code, includes provisions that provide for the enforcement and collection of amounts due for utility services, subject to notice requirements that apply when delinquent charges are made a lien on the property that received the services; and

WHEREAS, Section 54354.5 of the California Government Code prescribes that adoption of local agency resolutions or ordinances revising charges for utility services subject to the imposition of liens under the Revenue Bond Law and follow the notice and a hearing in accordance with that section, including publication of notice of the time and place of a hearing on the proposed resolution or ordinance specifying that any interested person, including all persons owning property in the jurisdiction of the local agency, may appear and be heard on any matter relating to the proposed ordinance or the proposed rates or charges; and

WHEREAS, the notice required under Government Code section 54354.5 must be published at least once each week for two (2) weeks prior to the hearing in a newspaper published within the local agency jurisdiction, with the first publication occurring at least fifteen (15) days prior to the hearing; and

WHEREAS, such notice has been published once each week for two (2) weeks, in accordance with Government Code section 54354.5, in the Merced Sun-Star on _____, 2020 and _____, 2020 as evidenced by Proofs of Publication on file with the City Clerk, prior to the public hearing held for this Ordinance; and

WHEREAS, City staff has worked closely with a Stakeholders’ Committee, a Committee formed by the City Council, made up of two (2) Council Members and members of the community, to analyze the City’s wastewater service needs and draft rate studies; and

WHEREAS, the City held several workshops to inform the public of the proposed wastewater service rates; and

WHEREAS, the City held workshops regarding the utility rate study in English, Spanish, and Punjabi. The workshops were held in the City Council Chambers as follows: February 25, March 5 and March 12, 2020; and

WHEREAS, the Proposition 218 Hearing was held March 17, 2020; and

WHEREAS, at the Proposition 218 Hearing, the City Council heard and considered all oral testimony, written materials, and written protests concerning the establishment and imposition of the proposed rate increases to the wastewater service rates (“Wastewater Service Rates”); and

WHEREAS, upon close of the Proposition 218 Hearing, the City did not receive written protests against the establishment and imposition of the proposed rate increases to the Wastewater Service Rates from a majority of the affected property owners and tenants directly liable for the payment of the Wastewater Service Rates; and

WHEREAS, the proposed domestic Wastewater Service Rates are not discriminatory or excessive, are sufficient under Government Code section 54515, comply with the provisions or covenants of any outstanding revenue bonds of the City payable from the revenues of the domestic wastewater enterprise, comply with the provisions of Title 5, Division 2, Part 1, Chapter 6 of the Government Code, and are in compliance with all other applicable law; and

WHEREAS, the revenues derived from the proposed sewer service rates will not exceed the funds required to provide the domestic wastewater services and shall be used exclusively for the domestic wastewater service system; and

WHEREAS, the amount of the proposed sewer service rates will not exceed the proportional cost of the service attributable to each parcel upon which they are proposed for imposition; and

WHEREAS, the proposed domestic wastewater service rates will not be imposed on a parcel unless the domestic wastewater services are actually used by, or immediately available to, the owner of the parcel; and

WHEREAS, due to Section 9-6-25 of the Livingston Municipal Code stating that the City shall adopt a schedule of charges and fees by resolution, the City has prepared both this Ordinance and Resolution No. 2020-___, adopting the new rate schedule for the Wastewater Service Rates; and

WHEREAS, this Ordinance and Resolution No. 2020-___ shall supersede all other previous resolutions and/or ordinances that may conflict with, or be contrary to, this Ordinance and Resolution No. 2020-___ respecting the Water Service Rates described more particularly herein.

THE CITY COUNCIL OF THE CITY OF LIVINGSTON DOES ORDAIN AS FOLLOWS:

SECTION 1. RECITALS

The foregoing recitals are true and correct and made a part of this Ordinance.

SECTION 2. WASTEWATER SERVICE RATES ADJUSTMENT – LEVY OF CHARGES

Pursuant to Title 5, Division 2, Part 1, Chapter 6 of the Government Code (“Revenue Bond Law”), the City’s police power, and Title 9, Chapter 5, section 9-6-25 of the Livingston Municipal Code, the increased Wastewater Service Rates as attached hereto as **Exhibit A**, are hereby approved.

SECTION 3. DELINQUENT CHARGES CONSTITUTE A LIEN

Delinquent charges and penalties when recorded in accordance with the provisions of the Revenue Bond Law shall constitute a lien upon the real property served.

SECTION 4. CEQA

The City Council hereby finds that the levy of the proposed sewer service rates as supported by a domestic wastewater and solid waste rate study prepared by Hansford Economic Consulting Inc.(which is incorporated herein by reference), is exempt from CEQA review under Public Resources Code section 21080(b)(8) and CEQA Guidelines section 15273 because the proposed sewer service rates are necessary and reasonable to fund the administration, operation, maintenance, and improvements of the City's domestic wastewater system, are necessary to maintain service within the City's existing service area, and will not result in expansion of the system. The City Council further finds that the action entails the creation of a government funding mechanism which is exempt from CEQA as not being a "project" pursuant to CEQA guidelines section 15378. The City Council authorizes the City Clerk to file a notice of exemption with the County Clerk to that effect.

SECTION 5. GENERAL AUTHORIZATION

The City Manager is hereby authorized and directed, for and in the name of and on behalf of the City, to execute and deliver any and all documents, to do any and all things and take any and all actions that may be necessary or advisable, in their discretion, in order to effect the purposes of this Ordinance. All actions heretofore taken by officers, employees, and agents of the City that are in conformity with the purposes and intent of this resolution are hereby approved, confirmed, and ratified.

SECTION 6. SEVERABILITY

If any provision of this Ordinance or the application thereof to any person or circumstance, is held invalid, the remainder of the Ordinance, including the application of such part or provision to other persons or circumstances shall not be affected thereby and shall continue in full force and effect. To this end, provisions of this Ordinance are severable. The City Council hereby declares that it would have passed each section, subsection, subdivision, paragraph, sentence, clause or phrase hereof irrespective of the fact that any one or more sections, subsections, subdivisions, paragraphs, sentences, clauses, or phrases be held unconstitutional, invalid or unenforceable.

SECTION 7. SUPERSESSION/REPEAL

Resolution No. 2014-21 adopted May 20, 2014, Ordinance No. 615 adopted June 3, 2014, and any and all other resolutions or ordinances and parts thereof in conflict with the provisions of this Ordinance and Resolution No. 2020-__ are superseded and repealed, effective on the effective date of this Ordinance. However, violations, rights accrued, liabilities accrued, or appeals taken, prior to the effective date of this Ordinance and Resolution No. 2020-__, under any chapter, ordinance, or part of an ordinance, or resolution or part of a resolution, shall be deemed to remain in full force for the purpose of sustaining any proper suit, action, or other proceedings, with respect to any such violation, right, liability or appeal.

SECTION 8. EFFECTIVE DATE

This Ordinance shall become effective thirty (30) days after its final passage and adoption. The increased Wastewater Service Rates, as attached hereto as Exhibit A, shall become effective on May 7, 2020.

Introduced: March 17, 2020
Passed and Adopted:

Gurpal Samra, Mayor
of the City of Livingston

ATTEST:

State of California)
County of Merced)
City of Livingston)

I, hereby certify that the foregoing Ordinance was duly introduced at a Regular Meeting of the City Council of the City of Livingston on the 17th day of March, 2020, and was passed and adopted at a Regular Meeting of the City Council of the City of Livingston this ___ day of _____, 2020, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

ANTONIO SILVA, City Clerk
of the City of Livingston

3493168.3

Exhibit A

**Table 21
Proposed Wastewater Rates**

Customer Category	Billing Basis	Current Rates Effective ---->	FY 2019/20 Jan. 2020	FY 2020/21 Jan. 2021	FY 2021/22 Jan. 2022	FY 2022/23 Jan. 2023	FY 2023/24 Jan. 2024	FY 2024/25 Jan. 2025
Residential		\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Non-Residential								
Churches/Temples/Comm. Ctrs.	per account	\$42.28	\$46.61	\$50.22	\$52.66	\$54.66	\$57.81	\$61.14
Schools (with cafeteria)	per student	\$1.46	\$1.69	\$1.82	\$1.90	\$1.98	\$2.09	\$2.21
Hotel/Motel	per room	\$17.22	\$21.77	\$23.46	\$24.60	\$25.53	\$27.01	\$28.56
Light Industrial (Base)	per account	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Commercial (Base)	per account	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Variable Charges for Non-Residential Only								
Light Industrial [1]	per gallon	\$0.010417	\$0.010781	\$0.011145	\$0.011686	\$0.012129	\$0.012829	\$0.013567
Commercial [2]	per gallon	\$0.003837	\$0.006541	\$0.007049	\$0.007391	\$0.007671	\$0.008114	\$0.008580

summ

Source: 2019 HEC rate study.

[1] Charge applied to the first 95% of total water use per month.

[2] Charge applied to the first 70% of total water use per month.

Exhibit B

HANSFORD
ECONOMIC CONSULTING

City of Livingston

**Water, Wastewater and
Solid Waste Rate Study**

FINAL DRAFT

November 14, 2019

HEC No. 190294

The following report was prepared by Hansford Economic Consulting LLC.

The analyses and findings contained within this report are based on primary data provided by the City of Livingston, as well as additional secondary sources of data available as of the date of this report. Updates to information used in this report could change or invalidate the findings contained herein. While it is believed that the primary and secondary sources of information are accurate, this is not guaranteed.

Every reasonable effort has been made in order that the data contained in this study reflect the most accurate and timely information possible. No responsibility is assumed for inaccuracies in reporting by the client, its consultants and representatives, or any other data source used in the preparation of this study. No warranty or representation is made that any of the projected values or results contained in this study will actually be achieved. There will usually be differences between forecasted or projected results and actual results due to changes in events and circumstances.

Changes in economic and social conditions due to events including, but not limited to, major recessions, droughts, major environmental problems or disasters that would negatively affect operations, expenses and revenues may affect the result of the findings in this study. In addition, other factors not considered in the study may influence actual results. Any applications for financing, or bond sales analyses, should re-evaluate the financial health and projection of revenues and expenses at the time of the application or preparation for bond sale.

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Section 1: INTRODUCTION AND SUMMARY OF FINDINGS

1.1 PURPOSE OF THE STUDY

The City of Livingston (City) provides three utility services to the residents and businesses of the City; water, wastewater, and solid waste. The purpose of this Utilities Rate Study (Study) is to determine the level of funding required over the next five years to adequately fund each of the utility systems and to determine a schedule of monthly property-related fees to support that level of funding.

This report provides an explanation and justification of the calculated utility rates for the next five years and it documents adherence to the law regarding setting of rates by a municipality. Per California Constitution Article 13D, these types of utility rates shall not be extended, imposed, or increased by any agency unless it meets all of the following requirements:

- (1) Revenues derived from the fee or charge shall not exceed the funds required to provide the property related service.
- (2) Revenues derived from the fee or charge shall not be used for any purpose other than that for which the fee or charge was imposed.
- (3) The amount of a fee or charge imposed upon any parcel or person as an incident of property ownership shall not exceed the proportional cost of the service attributable to the parcel.
- (4) No fee or charge may be imposed for a service unless that service is actually used by, or immediately available to, the owner of the property in question. Fees or charges based on potential or future use of a service are not permitted.
- (5) No fee or charge may be imposed for general governmental services including, but not limited to, police, fire, ambulance or library, services, where the service is available to the public at large in substantially the same manner as it is to property owners.

The utility financial models presented in this Study project revenues and expenses and calculate rates for the next five years through fiscal year ending 2025.

1.2 BACKGROUND

The City last conducted utility rate studies in the 2014 to 2016 time period. New solid waste rates were adopted in spring 2013, and new water and wastewater rates were adopted in spring 2014. A utility systems rate study is necessary at this time to a) ensure revenue sufficiency of the utility systems for the next five years, and b) demonstrate the City's ability to repay State loans for funding of the water system.

Rate studies are typically conducted every three to five years to ensure revenue sufficiency. A cost of service analysis, which not only allows for revenue sufficiency, but also examines whether

customers are paying for their share of system costs and adjusts rates and customer classifications to achieve equity to the maximum extent practicable, is advisable whenever there has been a shift in the economic base of the community, and whenever proportional cost of service is in question. As part of the regular periodic review of the rates, best practices include maintaining financially self-sustaining utilities, setting policies or guidelines on an appropriate reserve levels, including depreciation in the rates, and continual customer outreach to educate on the value of the City services provided.

This Study incorporates all three major elements of cost-based rate making; revenue requirement analysis, cost of service analysis, and rate-design analysis. In determining appropriate rate structures for Livingston that would meet the requirements of Proposition 218, the following key objectives were considered:

- Rates must be capable of generating sufficient revenues to meet all annual financial obligations of the utility enterprise funds;
- Changes to the rate structures must be administratively feasible (compatible with the existing billing system and straightforward to explain to customers);
- The rate structures should be as reflective of local customer use of the services as possible; and
- Revised rates must be supportive of City goals, including meeting target reserve levels and keeping within affordability guidelines.

This report presents the result of the analysis and rate structures that best meets these objectives under current and projected conditions.

1.3 RATE SETTING PRINCIPLES AND REPORT ORGANIZATION

This report was prepared using the principles established by the American Water Works Association, the Water Environment Federation, and Government Finance Officers Association.

The American Water Works Association “Principles of Water Rates, Fees, and Charges: Manual of Water Supply Practices M1 (the “M1 Manual”) establishes commonly accepted professional standards for cost of service studies. This manual is referenced in the water rate study.

The wastewater rate study uses the functional cost allocation methodology to determine rates¹, as presented in Water Environment Federation Manual of Practice No. 27 and guidelines prepared by the California State Water Resources Control Board for State Revolving Fund financing.

The Government Finance Officers Association publishes guidelines on sufficient cash balances for enterprise funds. Minimum cash balance targets for each utility fund in this Study are based on the GFOA guidelines.

¹ Chapter 6, pages 110-120, Financing and Charges for Wastewater Systems, Manual of Practice No. 27.

The Study is presented in four sections.

Following this introduction and summary of findings, Section 2 provides the water rate study. Section 3 provides the wastewater rate study, and Section 4 provides the solid waste rate study. For each utility study, the analysis begins with a description of the utility fund and its customers, followed by calculation of the revenue requirement, detailed calculations of the utility rates, projected cash flow and bill impacts to customers.

Appendix A includes support tables for the water rate study.

Appendix B includes support tables for the wastewater rate study.

Appendix C includes support tables for the solid waste rate study.

1.4 WATER RATE STUDY FINDINGS

Water rate study summary and key findings are summarized here:

- The City provides water supply, treatment, and distribution to the residents and businesses of Livingston. Monthly water rates pay for 93% of the annual costs of the water fund.
- The water fund has had net positive revenues for the last three years. The last water rate study included several capital improvement project costs that have not yet been incurred; therefore, revenues have deliberately been significantly greater than expenses. In the next five-year period cash reserves will be used to pay for capital improvement projects.
- The vast majority of the water system customer base is single family residential (93%); however, this customer category only uses 28% of the water. In contrast, the industrial customer category uses 62% of the water but holds less than 1% of the customer accounts. Although the residential customers use significantly more water during the peak summer months than winter months, their use is more than doubled by industrial use throughout the year. Industrial use is very steady month-to-month which makes the City less vulnerable to swings in revenues due to summer use; however, the City's largest industrial user, Foster Farms, is responsible for about 65% of the annual water fund revenue stream.
- The functional allocation of costs in the cost of service analysis determines that 45% of the costs should be collected in base "fixed" monthly charges; however, the rate study calculates fees based on 35% of costs collected in base monthly charges. In the 2014 water rate study it was determined that 35% was the most appropriate percentage to use because such a large amount of use of the system is from industrial users. The industrial customers do not have many water meters; therefore, capacity of the system, as measured by instantaneous flow through water meters, is much less significant in determining use of the system than it is for most water systems. Note, the functional allocation provides a guideline, not a rule, for allocating costs between base monthly charges and variable use charges.

- There are no proposed changes to the water rate structure except however that the methodology to calculate the construction water variable use rate (which is not a property-related service, and which fee is not included in the public hearing process) has been revised. The change in methodology increases the construction water rate proportionately more than the property-related fees.
- Due to updated pricing provided by the City's water meter supplier, the monthly meter fee for 10" meters is reduced. All other monthly meter fees increase.
- Cash reserves are projected to be drawn on heavily in fiscal years 2020 through 2022 and again in 2024 to fund the planned Capital Improvement Projects (CIP).
- A higher than minimum cash balance at the end of five years would be prudent for the water fund because of the multiple number of CIP project planned in the next five years. Cash reserves can be used, if necessary, to pay for project cost overruns; it can also be used to pay off State loans early and complete other system rehabilitation projects not currently in the CIP.
- The calculated January 2020 water rates result in an increase of \$3.34 per month during winter months for residential customers, and about \$4.00 per month during summer months. The impact to Foster Farms of the January 2020 rate increase is approximately \$66,000 (a 2.8% increase).

The updated water rate schedule is provided in **Table A** on the following page.

Table A
Projected Five-Year Water Rate Schedule

Charges	Current	Jan-20	Jan-21	Jan-22	Jan-23	Jan-24	Jan-25
Base Charge	Inside City *						
1" and smaller	\$25.13	\$28.31	\$29.32	\$30.37	\$31.46	\$32.59	\$33.77
1.5"	\$50.27	\$56.62	\$58.65	\$60.75	\$62.93	\$65.19	\$67.53
2"	\$80.43	\$90.59	\$93.83	\$97.20	\$100.68	\$104.30	\$108.05
3"	\$175.94	\$198.17	\$205.26	\$212.62	\$220.24	\$228.15	\$236.36
4"	\$301.61	\$339.72	\$351.88	\$364.48	\$377.56	\$391.12	\$405.18
6"	\$628.35	\$707.74	\$733.07	\$759.34	\$786.58	\$814.83	\$844.13
8"	\$1,206.43	\$1,358.87	\$1,407.50	\$1,457.93	\$1,510.24	\$1,564.48	\$1,620.73
10"	\$1,910.18	\$2,151.54	\$2,228.54	\$2,308.40	\$2,391.21	\$2,477.09	\$2,566.16
Meter Fee							
1" and smaller	\$3.05	\$3.21	\$3.31	\$3.41	\$3.51	\$3.62	\$3.72
1.5"	\$11.11	\$7.57	\$7.80	\$8.04	\$8.28	\$8.52	\$8.78
2"	\$12.13	\$14.46	\$14.90	\$15.35	\$15.81	\$16.28	\$16.77
3"	\$25.74	\$18.05	\$18.59	\$19.15	\$19.72	\$20.31	\$20.92
4"	\$40.61	\$42.72	\$44.01	\$45.33	\$46.69	\$48.09	\$49.53
6"	\$56.33	\$73.83	\$76.04	\$78.32	\$80.67	\$83.09	\$85.59
8"	\$89.50	\$120.38	\$123.99	\$127.71	\$131.54	\$135.49	\$139.55
10"	\$204.51	\$155.35	\$160.01	\$164.81	\$169.76	\$174.85	\$180.10
Service Charge Monthly Water Allowance							
Attached Residential (per Unit)	10,000	gallons					
Detached Residential (per Unit)	25,000	gallons					
Non-Residential (per Meter)	35,000	gallons					
Consumption Charge per 1,000 gallons of water in excess of allowance each month							
All Customers	\$1.57	\$1.61	\$1.68	\$1.75	\$1.82	\$1.89	\$1.97
Construction Water	\$1.17	\$1.75	\$1.82	\$1.89	\$1.97	\$2.05	\$2.13

Source: City of Livingston and 2019 HEC rate study.

sched

* Water rate schedules 1.5x outside City limits.

1.5 WASTEWATER RATE STUDY FINDINGS

Wastewater rate study summary and key findings are summarized here:

- The City provides wastewater collection, treatment, and disposal services to the residents and businesses of Livingston. Monthly wastewater rates pay for 95% of the annual costs of the wastewater fund.
- The wastewater fund is currently covering all expenses and debt service coverage requirements of existing bond covenants. The wastewater fund has adequate cash reserves.

- Wastewater fee collections need to increase beginning January 2020 to pay for increased operating expenses, equipment and vehicle purchases, and the planned wastewater CIP.
- The cost of service study demonstrates a shift in the customer base. Since 2014, the City has experienced growth, particularly in the non-residential customer categories (hotels, gas stations, and other businesses).
- The shift in the customer base, as well as updated cost allocation factors used in the rate calculations, results in calculated fees that are slightly lower than current fees for variable charges for light industrial customers. To smooth out the difference between current and January 2021 rates, the rate study takes the midpoint for light industrial variable rate, and for the residential, light industrial and commercial base rates which would otherwise experience a greater jump between 2020 and 2021.

The updated wastewater rate schedule is provided in **Table B** below.

Table B
Calculated Five-Year Wastewater Rate Schedule

Customer Category	Billing Basis	Current Rates Effective --->	FY 2019/20 Jan. 2020	FY 2020/21 Jan. 2021	FY 2021/22 Jan. 2022	FY 2022/23 Jan. 2023	FY 2023/24 Jan. 2024	FY 2024/25 Jan. 2025
Residential	per unit	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Non-Residential								
Churches/Temples/Comm. Ctrs.	per account	\$42.28	\$46.61	\$50.22	\$52.66	\$54.66	\$57.81	\$61.14
Schools (with cafeteria)	per student	\$1.46	\$1.69	\$1.82	\$1.90	\$1.98	\$2.09	\$2.21
Hotel/Motel	per room	\$17.22	\$21.77	\$23.46	\$24.60	\$25.53	\$27.01	\$28.56
Light Industrial (Base)	per account	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Commercial (Base)	per account	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Variable Charges for Non-Residential Only								
Light Industrial [1]	per gallon	\$0.010417	\$0.010781	\$0.011145	\$0.011686	\$0.012129	\$0.012829	\$0.013567
Commercial [2]	per gallon	\$0.003837	\$0.006541	\$0.007049	\$0.007391	\$0.007671	\$0.008114	\$0.008580

Source: 2019 HEC rate study.

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[1] Charge applied to the first 95% of total water use per month.

[2] Charge applied to the first 70% of total water use per month.

1.6 SOLID WASTE RATE STUDY FINDINGS

Solid waste study summary and key findings are summarized here:

- Solid waste rates pay for garbage pickup and disposal by Gilton Waste Management (hereafter “Gilton”). About 80% of annual sanitation fund expenses pay for services provided by Gilton. The remaining annual expenses pay for City-provided sanitation services, including street sweeping.
- The current solid waste rates cover the Gilton rates and more than cover current City operating and capital replacement and upgrade costs. As a result, the sanitation fund has sufficient cash balance such that a rate increase is not needed immediately.
- Because the current solid waste rates more than cover annual costs, the calculated rates are lower for fiscal year 2019/20; however, it is not advisable to decrease rates. Decreasing rates can lead to insufficiency of revenues in the five-year period which can lead to large rate increases in the future.
- The calculated solid waste rates do not increase January 2020 but they do increase each January thereafter. It is projected that the increased rates will continue to cover the Gilton rates and cover the City’s operating costs.
- A new service is included in the rate schedule for organics bins. The organics bins will be provided by Gilton to commercial and multi-family customers primarily for food waste services, which is a requirement of Senate Bill (SB) 1383.
- Included in the cost projection is \$100,000 per year in 2019 dollars to pay for the anticipated costs of implementing SB 1383. Anticipated costs include legal, education, outreach, enforcement and inspection costs. It is likely that the City will need to hire a recycling coordinator.

The updated solid waste rate schedule is provided in **Table C** on the next page.

Table C
Calculated Five-Year Solid Waste Rate Schedule

Service Type	Current	Fiscal Year Ending					
		2020	2021	2022	2023	2024	2025
<i>New Rates Effective ---></i>		<i>Jan. 2020</i>	<i>Jan. 2021</i>	<i>Jan. 2022</i>	<i>Jan. 2023</i>	<i>Jan. 2024</i>	<i>Jan. 2025</i>
<i>Rate Increase ---></i>		5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
<i>Rates do not include charges for special services that are scheduled between the customer and provider such as off schedule pick up, container maintenance, and delivery charges.</i>							
SINGLE FAMILY RESIDENTIAL		Once per week pickup					
96 gal. cart	\$25.16	\$23.25	\$24.41	\$25.63	\$26.91	\$28.26	\$29.67
Add'l cart	\$5.97	\$6.14	\$6.44	\$6.77	\$7.10	\$7.46	\$7.83
96 gal. cart greenwaste	\$1.33	\$1.23	\$1.29	\$1.35	\$1.42	\$1.49	\$1.57
Add'l greenwaste cart	\$5.97	\$6.14	\$6.44	\$6.77	\$7.10	\$7.46	\$7.83
MULTI-FAMILY & COMMERCIAL		Once per week pickup					
1 cubic yard container	\$47.36	\$43.77	\$45.96	\$48.26	\$50.67	\$53.21	\$55.87
2 cubic yards container	\$94.41	\$87.25	\$91.61	\$96.19	\$101.00	\$106.05	\$111.35
3 cubic yards container	\$139.86	\$129.26	\$135.72	\$142.51	\$149.63	\$157.12	\$164.97
4 cubic yards container	\$179.04	\$165.45	\$173.72	\$182.41	\$191.53	\$201.11	\$211.16
6 cubic yards container	\$251.71	\$232.62	\$244.25	\$256.47	\$269.29	\$282.75	\$296.89
Organics Bin (New)		\$65.99	\$69.29	\$72.75	\$76.39	\$80.21	\$84.22
Recycle Bins							
4 & 6 cubic yard containers	\$71.41	\$65.99	\$69.29	\$72.75	\$76.39	\$80.21	\$84.22
Commercial Compacting							
3 cubic yards container	n/a	\$449.50	\$471.97	\$495.57	\$520.35	\$546.36	\$573.68
4 cubic yards container	n/a	\$570.15	\$598.66	\$628.59	\$660.02	\$693.02	\$727.67
MULTI-FAMILY & COMMERCIAL		Twice per week pickup					
1 cubic yard container	\$93.90	\$103.52	\$108.70	\$114.14	\$119.84	\$125.83	\$132.13
2 cubic yards container	\$187.14	\$206.32	\$216.64	\$227.47	\$238.84	\$250.79	\$263.32
3 cubic yards container	\$264.56	\$291.68	\$306.26	\$321.57	\$337.65	\$354.54	\$372.26
4 cubic yards container	\$348.86	\$384.62	\$403.85	\$424.04	\$445.24	\$467.51	\$490.88
6 cubic yards container	\$490.40	\$540.67	\$567.70	\$596.08	\$625.89	\$657.18	\$690.04
Organic Bins (New)	n/a	\$131.97	\$138.57	\$145.50	\$152.77	\$160.41	\$168.43
Recycle Bins							
4 & 6 cubic yard containers	n/a	\$131.97	\$138.57	\$145.50	\$152.77	\$160.41	\$168.43
Commercial Compacting							
3 cubic yards container	n/a	\$866.26	\$909.58	\$955.06	\$1,002.81	\$1,052.95	\$1,105.60
4 cubic yards container	n/a	\$1,091.41	\$1,145.98	\$1,203.28	\$1,263.45	\$1,326.62	\$1,392.95
MULTI-FAMILY & COMMERCIAL		Three times per week pickup					
1 cubic yard container	n/a	\$147.32	\$154.69	\$162.42	\$170.54	\$179.07	\$188.02
2 cubic yards container	n/a	\$296.27	\$311.08	\$326.64	\$342.97	\$360.12	\$378.12
3 cubic yards container	\$398.63	\$439.49	\$461.46	\$484.54	\$508.76	\$534.20	\$560.91
4 cubic yards container	\$545.64	\$601.57	\$631.65	\$663.23	\$696.39	\$731.21	\$767.77
6 cubic yards container	\$750.40	\$827.32	\$868.68	\$912.12	\$957.72	\$1,005.61	\$1,055.89
Recycle Bins							
4 & 6 cubic yard containers	n/a	\$263.97	\$277.17	\$291.03	\$305.58	\$320.86	\$336.90
Commercial Compacting							
3 cubic yards container	n/a	\$1,734.27	\$1,820.99	\$1,912.04	\$2,007.64	\$2,108.02	\$2,213.42
4 cubic yards container	n/a	\$2,312.35	\$2,427.96	\$2,549.36	\$2,676.83	\$2,810.67	\$2,951.20

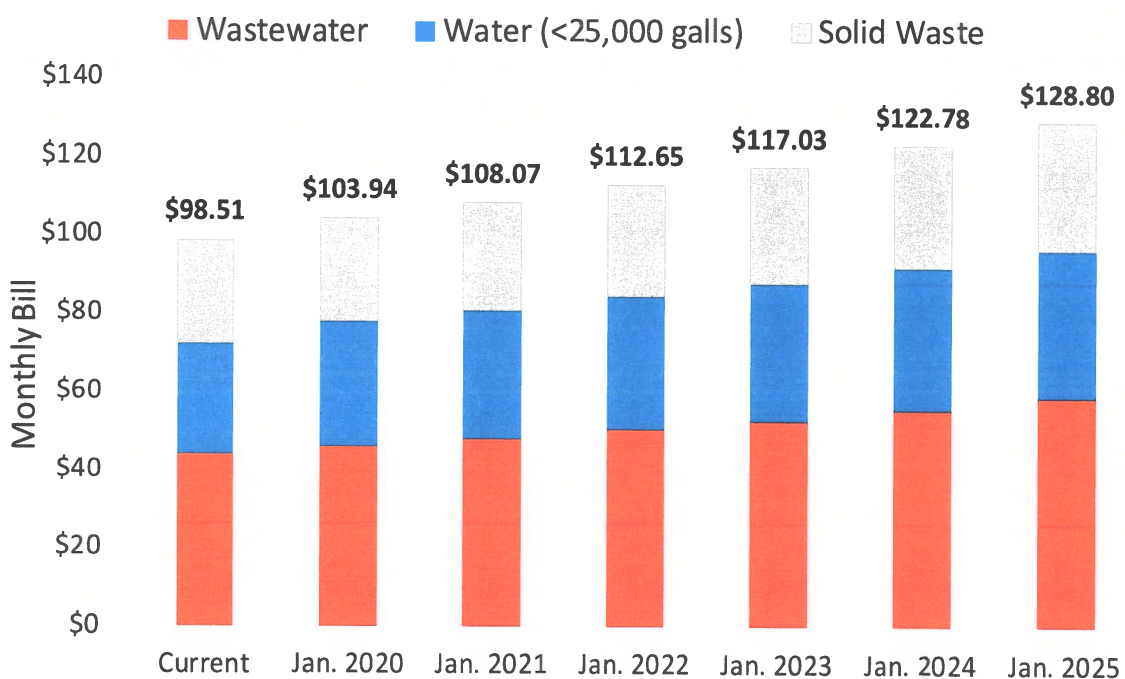
Source: City of Livingston and HEC.

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1.7 COMBINED UTILITIES BILL IMPACTS

Livingston residents receive monthly utility bills that include water, wastewater, and solid waste service costs; therefore, it is important to look at the combined impact on customer bills. **Figure A** below shows the total monthly bill impact to a typical home in Livingston using less than 25,000 gallons. In total, monthly bills would increase 5.5% January 2020, and between 4.0% and 5.0% each year for the following five January adjustments.

Figure A
Combined Utility Bill Impact for a Typical Home



Bill impacts to other customer categories are addressed in each study.

Section 2: WATER RATE STUDY

2.1 THE WATER FUND AND ITS CUSTOMERS

The City’s water enterprise fund accounts for the revenues and expenses associated with provision of water service. An enterprise fund is a fund that is intended to recover its costs through user fees and charges for a specific service. Money collected for an enterprise fund cannot be spent on other services. Generally accepted accounting principles (GAAP) require state and local government to use the enterprise fund type to account for “business type activities”. As a business type fund, enterprise funds must be self-sufficient. Enterprise funds also provide the repayment capacity for, and make debt service payments on, any debt incurred for capital projects; therefore, any water enterprise fund bond-funded projects do not diminish the City’s general fund debt capacity.

It is important for enterprise funds to be self-sufficient, without subsidies from other funds, including the City’s General Fund. General Fund cash should be used to protect against factors that could limit the City’s ability to provide critical services. Decreasing General Fund reserves could leave the City financially vulnerable, reducing funds necessary to recover from a natural disaster, for example.

Table 1 shows historical revenues and expenses for the water operating fund for fiscal years 2017 through 2019. Net revenues have been positive each year. The last water rate study included several capital improvement project costs that have not yet been incurred; therefore, revenues have deliberately been significantly greater than expenses. In the next five-year period cash reserves will be used to pay for capital improvement projects.

Table 1
Water Fund Historical Revenues and Expenses

Revenues and Expenses	Fiscal Year Ending		
	2017 actual	2018 actual	2019 actual
Revenue	\$3,484,226	\$3,736,933	\$3,873,948
Expense	\$1,868,403	\$1,952,499	\$2,662,009
Net Income	\$1,615,824	\$1,784,434	\$1,211,939
less Transfers Out	\$0	\$1,773,333	\$0
Net Revenue after Transfers	\$1,615,824	\$11,102	\$1,211,939

Source: City of Livingston financials provided September 2019.

net

Appendix A Tables A-1 and A-2 show the details of historical water fund revenues and expenses.

2.1.1. Revenues

Water system operations are funded through monthly rates, meter installation fees, interest income, utility penalties, and other small miscellaneous revenues. In some years, the City receives intergovernmental revenues for special regional projects.

Rate revenue is generated by application of the water rate schedule shown in **Table 2** below. Under the current rate schedule all customers pay fixed monthly charges (which include a service charge and meter replacement fee) by meter size, and a use charge according to the quantity of water used each month. Water is measured in thousands of gallons. All customers pay the same rate for every unit of water consumed above their base allowance. The monthly base allowance varies by customer category.

Table 2
Current Water Rates Schedule

Charges	2019 (Current) Water Rates	
	Inside City *	
Fixed Monthly Charges	Base Charge	Meter Fee
1" and smaller	\$25.13	\$3.05
1.5"	\$50.27	\$11.11
2"	\$80.43	\$12.13
3"	\$175.94	\$25.74
4"	\$301.61	\$40.61
6"	\$628.35	\$56.33
8"	\$1,206.43	\$89.50
10"	\$1,910.18	\$204.51
Service Charge Monthly Water Allowance		
Attached Residential (per Unit)	10,000	gallons
Detached Residential (per Unit)	25,000	gallons
Non-Residential (per Meter)	35,000	gallons
Construction	0	gallons
Consumption Charge per 1,000 gallons of water in excess of allowance each month		
All Customers except Construction	\$1.57	
Construction	\$1.17	

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* Water rate schedules 1.5x outside City limits.

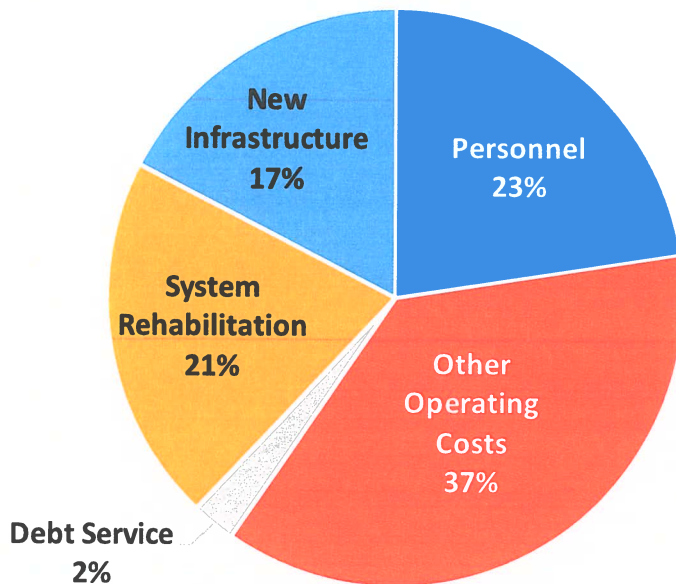
2.1.2. Expenses

Annual operating costs include all water system operating expenses, capital outlay, and debt service. Expenditures were grouped into five categories:

- Personnel (Payroll and Benefits)
- System Rehabilitation
- Debt Service
- New Infrastructure Projects
- Other Operating Costs

Personnel and other operating costs comprised the largest cost items in fiscal year ending 2019, which is the base year for the study. Fiscal year 2019 costs are illustrated in **Figure 1**.

Figure 1
Historical Water Fund Operating Expenses



2.1.3. Customer Base

Per the California Department of Finance, Livingston has a population of approximately 14,800, and it has sustained an annual average population increase of 1.8% since 2000. Population growth is shown in **Figure 2** on the next page.

The City serves water to about 3,100 households and 200 non-residential establishments, including large customers such as Foster Farms, and several irrigation-only customers. A pie chart illustrating the customer base is provided in **Figure 3** on the next page. As the pie chart shows, the City's water customers are primarily (93%) single family residential.

Figure 2
Population Growth

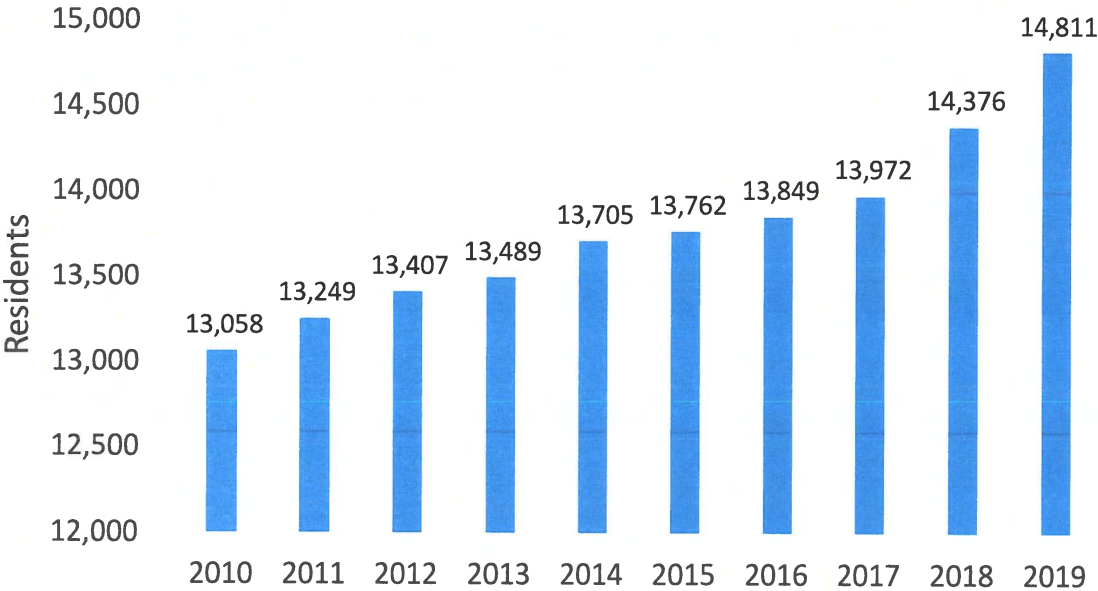
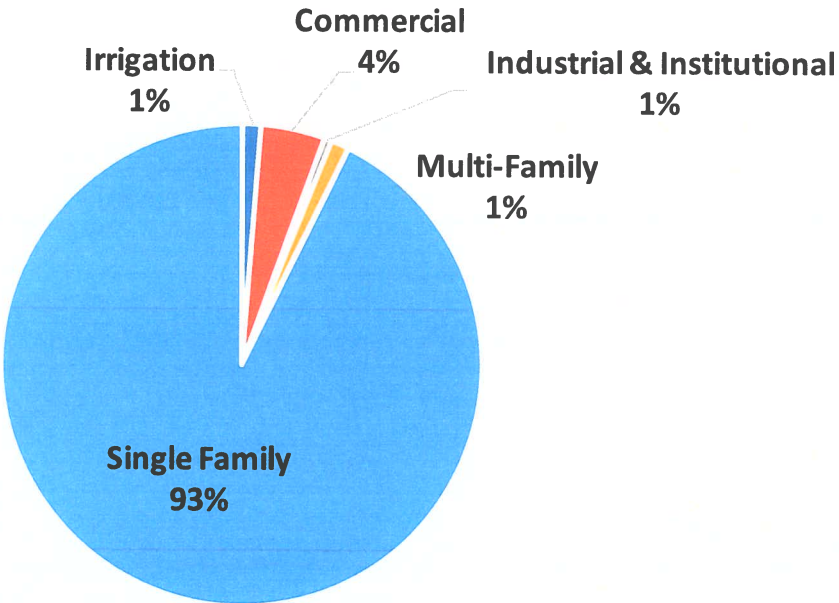


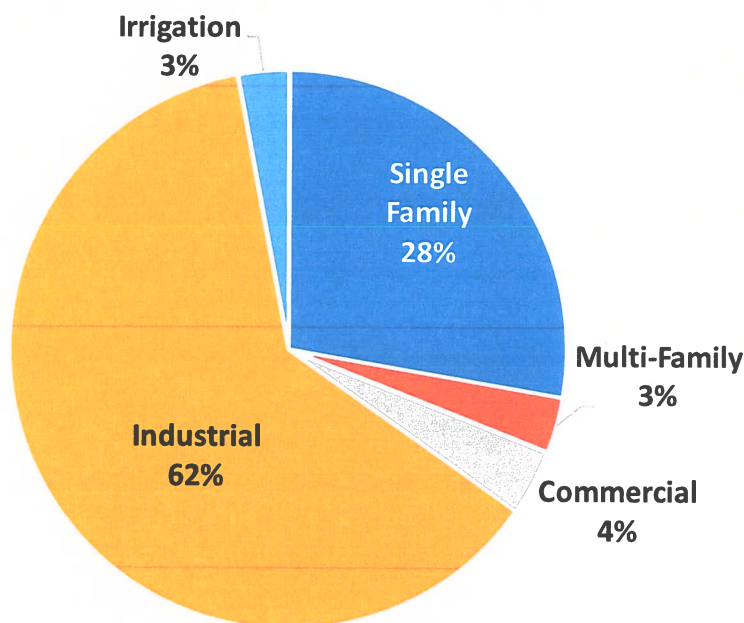
Figure 3
Customer Base



2.1.4. Water Consumption and Production

Figure 4 shows total water consumption by customer category. Although single family residential makes up 93% of the customer base, this group uses 28% of annual water consumption. Industrial customers, which make up less than 1% of the customer base, use 62% of total water consumed.

Figure 4
Water Consumption by Customer Category

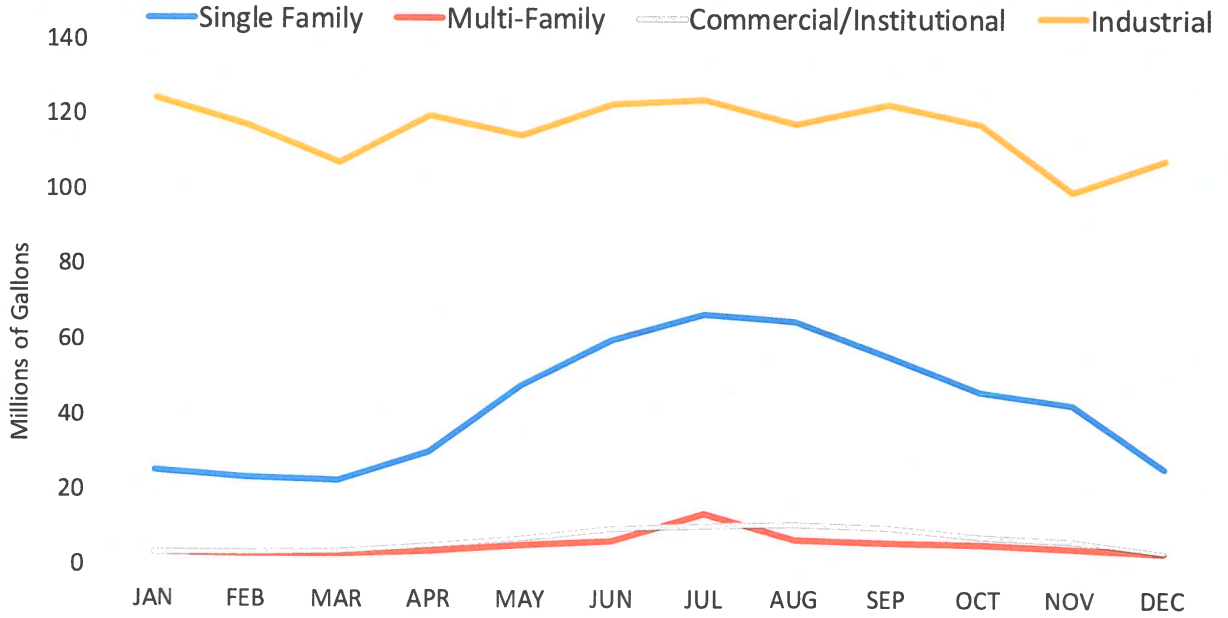


The City's water supply is 100% groundwater. Water use fluctuates from year to year depending on several factors including, but not limited to, growth, the weather, sustained drought, plumbing retrofits, and pricing of water. Historical average water use for 2016-2018 by customer category is used as the basis on which to project water use in the rate study. Historical potable water consumption is provided in **Appendix Table A-3**.

Like most cities in the western U.S., Livingston experiences greater water demand in the summer than the winter due to outside applications of water. **Figure 5** shows water use by month using 2017 and 2018 water use data provided by the City. Greater demand during the summer is driven by the single family customer category. Because such a large quantity of water is consumed by the industrial customers, with a steady water demand throughout the year, the City is not as susceptible to large swings in water use as many central valley communities.

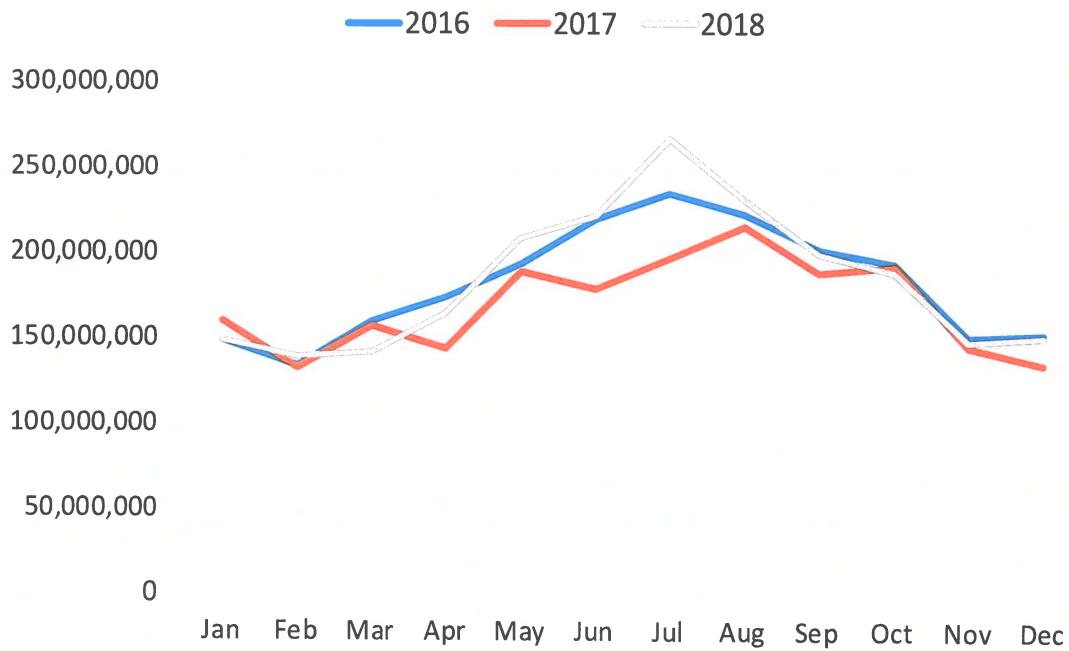
Well production data is provided in **Appendix Table A-4**. Approximately 84% of annual water production is for year-round water consumption, and approximately 16% of annual water production is additional water for increased demand during the summer months. Typically, central valley communities use 60%-65% of water for year-round demand, and 35%-40% of water additionally during the summer. **Figure 6** shows seasonal water production for the last three years.

Figure 5
Water Use Patterns by Customer Category



System-wide annual water production by month is shown in **Figure 7**.

Figure 6
Annual Water Production – Seasonal Trend



2.2 REVENUE REQUIREMENT

According to the American W M1 Manual, the first step in the ratemaking analysis is to determine the adequate and appropriate funding of a utility. This is referred to as the “revenue requirements” analysis. This analysis considers the short-term and long-term service objectives of the utility over a given planning horizon, including capital facilities and system operations and maintenance, to determine the adequacy of a utility’s existing rates to recover its costs. A number of factors may affect these projections, including: the number of customers served, water-use trends, nonrecurring sales, weather, conservation, use restrictions, inflation, interest rates, wholesale contracts, capital finance needs, changes in tax laws, and other changes in operating and economic conditions.

After determining a utility’s revenue requirements, a utility’s next step is determining the cost of service. Utilizing a public agency’s approved budget, financial reports, operating data, and capital improvement plans, a rate study generally categorizes (functionalizes) the costs, expenses, and assets of the water system among major operating functions to determine the cost of service.

After the assets and the costs of operating those assets are properly categorized by function, the rate study allocates those “functionalized costs” to the various customer classes (e.g., single-family residential, multi-family residential and commercial) by determining the characteristics of those classes and the contribution of each to incurred costs such as peaking factors or different delivery costs, service characteristics and demand patterns. Rate design is the final part of the M1 Manual’s rate-making procedure and generally uses the revenue requirement and cost of service analysis to determine appropriate rates for each customer class.

The revenue requirement refers to the amount of money that must be raised for revenue sufficiency of the water fund through rates. The projection of the revenue requirement is the cornerstone for the calculation of rates. This section explains the derivation of revenue requirement for this study. Components of the revenue requirement include:

- Capital Improvements
- Debt Service
- Operations Expenses and Reserves
- System Rehabilitation

Non-water sales revenue projections are credited against projected operations costs. Non-water sales include meter replacement fees, meter installation fees, fines and forfeitures (penalties), interest income, and miscellaneous revenue.

2.2.1. Capital Improvements

Water system capital costs in any one year are dependent on the state of the current infrastructure to serve existing customers and necessary improvements to accommodate potential new customers. Over the next five years, total water system capital improvement costs are estimated at \$24.56 million. The largest project cost is anticipated to be for wells 13 and 17 conveyance,

treatment plant and storage tank (\$8.75 million). The new well 11 (estimated cost \$1.20 million) will be constructed and paid for by Foster Farms under agreement with the City.

Table 3 summarizes the total estimated costs and anticipated funding sources. Total estimated costs are in future dollars (cost estimates were provided in 2019 dollars; the rate study inflates the cost estimates by 3% each year per the 10-year historical average increase in the Engineering News Record (ENR) Construction Cost Index (CCI)). **Appendix Tables A-5 and A-6** provides greater detail of the CIP items and costs.

A \$4.0 million loan has already been executed with the State Water Resources Control Board (SWRCB) for wells 14 and 16 treatment and conveyance facilities. Improvements to wells 8, 9, 13, and 17 are anticipated to be funded with additional loans from the SWRCB. All other capital improvement projects will be funded with reserves (currently accumulated and future collections of water rate revenues), and the park surface water irrigation project will be partially funded with a grant.

Two projects are estimated to benefit future water users; 25% of the well 8 and 9, as well as the well 13 and 17 project costs, are allocated to future users. These two projects are anticipated to be funded by SRF loans; therefore, 25% of annual debt service will be paid for with accumulated water connection fees.

Table 3
Summary of CIP Costs Fiscal Years Ending 2020-2025

	Estimated Cost in Inflated Dollars 2020-2025	Funding Source
Well 8 - New Well	\$1,030,000	Reserves
Well 9 - New Well	\$1,200,000	Reserves
Well 11 - New Well	\$1,200,000	Foster Farms
Well 12 Conveyance & Treatment	\$1,935,875	Reserves
Well 8 & 9 Conveyance & Treatment Plant	\$4,635,000	SRF Loan [1]
Well 14 & 16 Conveyance & Treatment Plant - secured loan	\$4,000,000	SRF Loan
Well 13 & 17 Conveyance, Treatment Plant & Storage Tank	\$8,755,000	SRF Loan [1]
Water Line Replacement Ph 4 (Walnut, Davis, White, N Main)	\$1,412,397	Reserves
Park Surface Water Irrigation	\$370,800	Reserves [2]
Server Upgrades	\$25,000	Reserves
Total Estimated Water Improvements Cost	\$24,564,073	

Source: City of Livingston November 2019.

cip sum

[1] A portion of debt service to be repaid with connection fees.

[2] A portion of this project will be funded by a grant.

2.2.2. Debt Service

The City has two existing loans with the SWRCB for wells 13 (\$1.35 million) and wells 14 and 16 (\$4.00 million). Repayment schedules are provided in **Appendix A Tables A-7 and A-8**.

New debt service is assumed to be incurred for wells 8 and 9 (total \$3.61 million), as well as wells 13 and 17 (total \$8.76 million). The City does not yet know what the terms of financing will be; the rate study assumes 2.50% interest with a 30-year amortization. The State requires one year of debt service be held in reserve for debt payments. The City can either collect this up-front or increase debt service 10% for the first ten years of payments. The rate study assumes that an additional 10% per year is collected for the first ten years for both of these projects. Debt calculations associated with the estimated additional two new SWRCB loans is provided in **Appendix A Table A-9**.

In addition, the City is currently executing an agreement with TRANE for energy efficiency projects Citywide. A portion of the total projects cost is to upgrade water system components to be more energy efficient. The water system's share of debt service associated with these projects is estimated at \$47,000 per year.

2.2.3. Operating Expenses and Reserves

Future year operating expenses are based on fiscal year 2019 actual operating expenses. Personnel costs are increased 6.0% each year, utilities costs are increased 4.0% each year, and all other annual expenses are increased 2.5%, 3.0%, or 3.5% each year. These cost increases were based on historical cost increases and discussions with City staff. Historically, City water operating expenses have increased 3.5% to 4.0% per year, which is very reasonable. It is very typical for water utility annual costs, and therefore water rates, to outstrip inflation. In May 2019, the American Water Works Association released an article, "Rate survey: water cost increases outpacing other U.S. goods and services" in which it documented that between 2016 and 2018 water rates increased 7.2% and wastewater rates 7.5% while the national consumer price index increased 4.6%.

In addition to historical types of costs incurred by the water fund, the City is adding new operations and maintenance costs for facilities included in the CIP. These costs will be partially offset by reduced electrical bills resulting from the completion of the water system energy efficiency projects.

2.2.4. System Rehabilitation

Depreciation is used as the basis on which to collect rates to cover system rehabilitation costs. Inclusion of system rehabilitation costs demonstrates fiscal responsibility toward the assets to potential future investors and helps to establish good credit². Depreciation is calculated based on existing water facilities and new facilities built in the next five-year period.

² Per Governmental Accounting Standards Board (GASB) 34, local governments must report on the value of their infrastructure assets and plan for asset maintenance (including collecting sufficient revenue) to obtain good credit when issuing bonds or procuring other forms of financing for long-term construction projects.

Table 4 shows the total annual amount included in the rates for system rehabilitation. The estimated cost includes replacement of existing assets and assets that are estimated to be constructed during the study time period. The water rates include 50% depreciation; in many years not all of the money collected is spent; in these years the additional amount is kept in the reserves and spent in another year in which capital costs exceed collections for system rehabilitation.

**Table 4
System Rehabilitation Annual Budget Estimate**

Depreciation	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Current Depreciation [1]	\$183,000	\$183,000	\$183,000	\$183,000	\$183,000	\$183,000
New Depreciation	\$736,000	\$736,000	\$736,000	\$736,000	\$736,000	\$736,000
Total Depreciation	\$919,000	\$919,000	\$919,000	\$919,000	\$919,000	\$919,000
	50%	50%	50%	50%	50%	50%
Amount in Rev. Req.	\$459,500	\$459,500	\$459,500	\$459,500	\$459,500	\$459,500

Source: City of Livingston and HEC November 2019.

depr

[1] Current book value of all water assets minus wells which are to be replaced.

2.2.5. Calculated Revenue Requirement

Table 5 provides the projection of annual costs and revenues and the resulting revenue requirement through fiscal year 2025. Over the next five years, the revenue requirement is projected to continue to increase to account for inflation, to fund capital expenditures and depreciation, and to account for new debt. The total revenue requirement is projected to increase from \$2.38 million in fiscal year 2019 to \$4.03 million in fiscal year 2020 and fluctuate each year thereafter depending on the level of cash-funded capital expenditures.

The water rates are based on raising sufficient revenue to fund the revenue requirement with even 4.25% percentage increases over time. The amount to be raised each year by water rates is the “user fees” line underneath the revenue requirement line in **Table 5**. Note that although the amount to be raised by rates increases 4.25% in the first year, not all customer categories will have the same percentage increase. The difference in customer category increases is due to the cost of service analysis.

**Table 5
Projected Revenue Requirement**

Expenses and Credits	Inflator	Fiscal Year Ending						
		2019 actual	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Operating Expenses								
Personnel	6.0%	\$726,097	\$769,663	\$815,843	\$864,794	\$916,681	\$971,682	\$1,029,983
Contract Services	3.0%	\$110,320	\$113,630	\$117,039	\$120,550	\$124,166	\$127,891	\$131,728
Utilities	4.0%	\$560,431	\$582,848	\$606,162	\$630,408	\$655,625	\$681,850	\$709,124
less Electricity Savings [1]	4.0%			(\$75,000)	(\$78,000)	(\$81,120)	(\$84,365)	(\$87,739)
SGMA Compliance (placeholder)	2.5%	\$0	\$50,000	\$51,250	\$52,531	\$53,845	\$55,191	\$56,570
Infrastructure O&M	3.5%	\$381,515	\$394,868	\$408,688	\$422,992	\$437,797	\$453,120	\$468,979
Other Operating Costs	2.5%	\$142,217	\$145,772	\$149,416	\$153,152	\$156,981	\$160,905	\$164,928
New Infrastructure Op. Costs	Table A-6	\$0	\$295,000	\$97,850	\$525,146	\$103,809	\$782,229	\$110,131
Total Operating Expenses		\$1,920,580	\$2,351,781	\$2,171,249	\$2,691,573	\$2,367,784	\$3,148,503	\$2,583,704
Debt Service								
SRF D15-02037 (\$1.35 Mill - well 13)	secured	\$78,778	\$78,778	\$78,778	\$78,778	\$78,778	\$78,778	\$78,778
SRF D18-02003 (\$4.0 Mill -wells 14 & 16)	secured		\$47,358	\$172,989	\$172,989	\$172,989	\$172,989	\$172,989
Energy Retrofits [2]	estimate			\$47,000	\$47,000	\$47,000	\$47,000	\$47,000
New Debt - Wells 13 & 17	estimate				\$460,130	\$460,130	\$460,130	\$460,130
New Debt - Wells 8 & 9	estimate				\$243,650	\$243,650	\$243,650	\$243,650
Subtotal Debt Service		\$78,778	\$126,136	\$298,767	\$1,002,547	\$1,002,547	\$1,002,547	\$1,002,547
System Rehabilitation and New Projects								
Meter Replacement		\$36,295	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Equipment Purchase		\$27,130	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Vehicle Replacement		\$38,229	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
Cash-Funded Capital Projects		\$560,996	\$1,225,000	\$1,223,002	\$1,412,397	\$0	\$1,935,875	\$0
Subtotal System Rehabilitation and New Projects		\$662,651	\$1,322,000	\$1,320,002	\$1,509,397	\$97,000	\$2,032,875	\$97,000
Additional Collection for Depreciation		\$0	\$459,500	\$459,500	\$459,500	\$459,500	\$459,500	\$459,500
Total Costs		\$2,662,009	\$4,259,418	\$4,249,518	\$5,663,018	\$3,926,831	\$6,643,425	\$4,142,751
Credits								
Meter Replacement Fees	3.0%	\$158,192	\$151,304	\$156,836	\$161,541	\$166,387	\$171,378	\$176,520
Meter Installation Fees	estimate	\$51,718	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000
Fines & Forfeitures	3.0%	\$17,980	\$18,519	\$19,075	\$19,647	\$20,237	\$20,844	\$21,469
Interest Income	0.0%	\$48,768	\$48,768	\$48,768	\$48,768	\$48,768	\$48,768	\$48,768
Loss of Highway Irrigation Area Revenue [3]	4.5%			(\$16,000)	(\$16,720)	(\$17,472)	(\$18,259)	(\$19,080)
Miscellaneous Revenue	0.0%	\$7,959	\$7,959	\$7,959	\$7,959	\$7,959	\$7,959	\$7,959
Subtotal Credits		\$284,618	\$235,551	\$225,638	\$230,195	\$234,879	\$239,691	\$244,636
Revenue Requirement		\$2,377,391	\$4,023,867	\$4,023,880	\$5,432,822	\$3,691,953	\$6,403,734	\$3,898,115
Increase in User Fees [4]			4.25%	4.25%	4.25%	4.25%	4.25%	4.25%
User Fees		\$3,592,366	\$3,745,041	\$3,904,206	\$4,070,134	\$4,243,115	\$4,423,448	\$4,611,444

Source: City of Livingston fiscal year 2019 budget, and HEC.

rev req

[1] TRANE estimate is \$79,953 in first year. This has been rounded down to the nearest \$5,000.

[2] Bank estimate of annual payments is \$46,694. This has been rounded up to the nearest \$1,000.

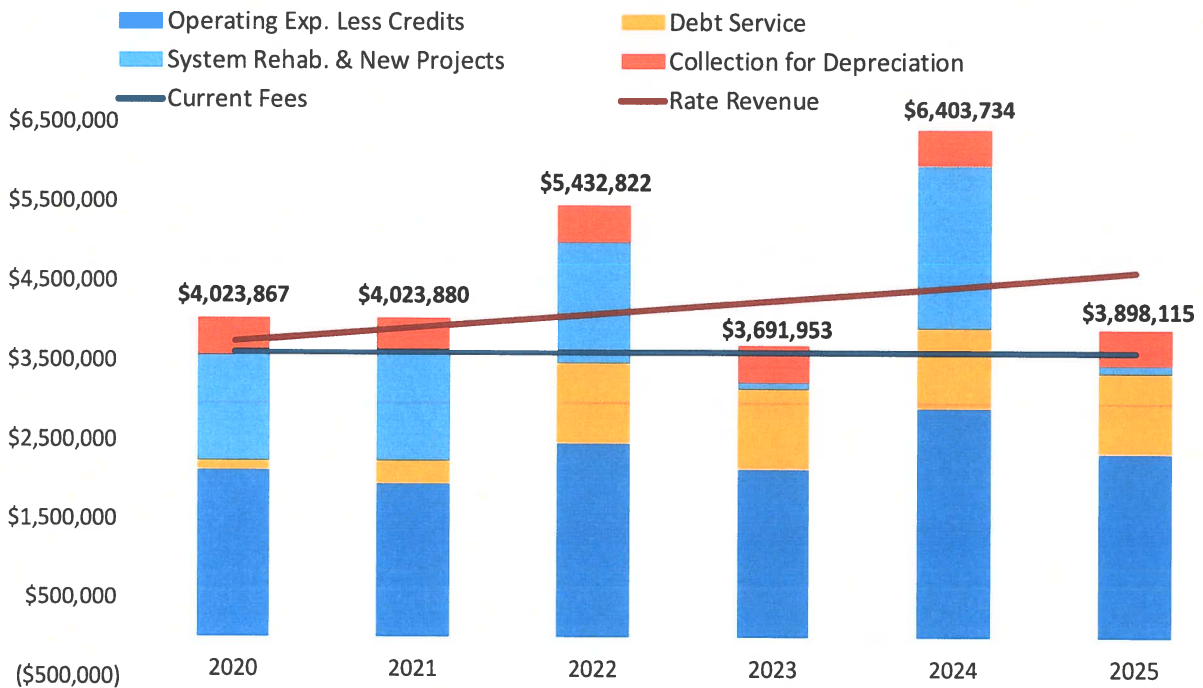
[3] Well 15 will be removed from domestic consumption supplies due to poor water quality; however, it will continue to provide irrigation water.

At this time, it is unknown what revenues might be collected from the well 15 irrigation system.

[4] The amount to be raised from water sales is increased each year by a percentage to smooth out the changes.

Components of revenue requirement and projected water sales revenues are illustrated in **Figure 7**. The total revenue requirement decreases in 2023 and 2025 because of a decrease in cash spending on capital improvement projects during those years.

Figure 7
Components of Revenue Requirement



One of the credits in the revenue requirement is revenue generated by the monthly meter replacement fee. City crews replace older water meters that are near the end of their useful life, or which are inaccurately measuring water flow. The cost to replace meters by size of meter was used to determine appropriate monthly collection of fees to support routine meter replacements in **Appendix Table A-10**. Projected meter replacement fee revenue by year is shown in **Appendix Table A-11**.

The next step in calculating water rates is performing functional cost allocation and cost of service. Functional cost allocation is provided in **Appendix A, Tables A-12 and A-13**. The cost classification provides a *guideline* for the City in determining the portion of revenue requirement to collect through service charges versus usage charges. There is no set formula for determining exactly how much to collect in the service charge versus the use charge.

City water system costs were classified into two categories; fixed (service) and variable (use) costs.

- **Fixed Costs.** Included in this category are costs associated with customer-driven costs and the water system's readiness to serve, which includes a portion of the water system's capacity costs for typical non-peaking water use. Forty-five percent of annual costs were determined to be fixed costs after performing a functional allocation of the 2019 water fund expenses.

Fixed costs are allocated to customers based on the number of equivalent meters, determined by the relative hydraulic capacity of the meter size relative to a 1-inch meter. **Table A-14** shows the calculation of equivalent meters. Note that the number of equivalent meters is calculated using current number of billing meters (rather than total number of meters) on the water system at any one time.

- **Variable Costs.** These costs vary with the quantity of water consumed. They include the peaking portion of capacity costs and commodity costs. Commodity costs are expenses that increase or decrease almost directly with the amount of water supplied. Operations and maintenance variable costs primarily include well pumping electricity costs, but also a portion of administrative costs, debt service and other costs as determined in the functional allocation. Variable costs are recovered through use charges applied per thousand gallons above the base allowance each month.

Table 6 shows allocation of the amount to be collected in user fees each year between service and use charges in the rate model for the study. The amount to be collected in monthly service charges (the "fixed" fee component) is 35% rather than the 45% calculated in the functional cost allocation. This difference is because the City currently collects 35% of user fees in service charges. In the last water rate study, which was conducted in 2014, it was determined that 35% was the most appropriate percentage to use because such a large amount of use of the system is from industrial users. The industrial customers do not have many water meters; therefore, capacity of the system, as measured by instantaneous flow through water meters, is much less significant in determining use of the system than it is for most water systems.

Table 6
Allocation of User Fees

Allocated Rev. Requirement	Fiscal Year Ending						
	2020	2021	2022	2023	2024	2025	
Revenue Requirement	\$3,745,041	\$3,904,206	\$4,070,134	\$4,243,115	\$4,423,448	\$4,611,444	
Fixed	35%	\$1,310,765	\$1,366,472	\$1,424,547	\$1,485,090	\$1,548,207	\$1,614,005
Variable	65%	\$2,434,277	\$2,537,734	\$2,645,587	\$2,758,025	\$2,875,241	\$2,997,439

Source: City of Livingston November 2019 and HEC.

rev alloc

2.3 WATER RATE CALCULATIONS

The calculation of monthly service charges is shown in **Table 7** below. Monthly service charges are applied to customers based on the size of their meter.

Table 7
Calculation of Monthly Service Charges

Base Meter Fee	Fiscal Year Ending						
	2020	2021	2022	2023	2024	2025	
Total Costs	\$1,310,765	\$1,366,472	\$1,424,547	\$1,485,090	\$1,548,207	\$1,614,005	
Meter Equivalents	3,858	3,883	3,908	3,933	3,958	3,983	
Meter Size	Ratio	<i>Monthly Service Charge per Meter</i>					
1" and smaller	1	\$28.31	\$29.32	\$30.37	\$31.46	\$32.59	\$33.77
1.5"	2	\$56.62	\$58.65	\$60.75	\$62.93	\$65.19	\$67.53
2"	3	\$90.59	\$93.83	\$97.20	\$100.68	\$104.30	\$108.05
3"	7	\$198.17	\$205.26	\$212.62	\$220.24	\$228.15	\$236.36
4"	12	\$339.72	\$351.88	\$364.48	\$377.56	\$391.12	\$405.18
6"	25	\$707.74	\$733.07	\$759.34	\$786.58	\$814.83	\$844.13
8"	48	\$1,358.87	\$1,407.50	\$1,457.93	\$1,510.24	\$1,564.48	\$1,620.73
10"	76	\$2,151.54	\$2,228.54	\$2,308.40	\$2,391.21	\$2,477.09	\$2,566.16

Source: City of Livingston November 2019 and HEC.

base fees

The calculation of use charges is shown in **Table 8**. Beginning January 2020, water use greater than the monthly allowance would be billed at \$1.61 per thousand gallons.

Table 8
Calculation of Use Costs per Thousand Gallons

Customer Category	Fiscal Year Ending					
	2020	2021	2022	2023	2024	2025
Allocated Costs	\$2,434,277	\$2,537,734	\$2,645,587	\$2,758,025	\$2,875,241	\$2,997,439
Annual Demand (Thousands of Gallons)	2,139,398	2,144,857	2,150,377	2,155,960	2,161,606	2,167,317
Gallons Above Monthly Allowance						
Residential	<i>All figures in thousands of gallons</i>					
Single Family	62,742	63,131	63,523	63,918	64,315	64,714
Multi-Family	21,764	21,764	21,764	21,764	21,764	21,764
Subtotal Residential	84,506	84,896	85,288	85,682	86,079	86,479
Non-Residential						
Commercial	43,240	44,179	45,137	46,117	47,118	48,140
Industrial	1,329,351	1,329,351	1,329,351	1,329,351	1,329,351	1,329,351
Irrigation	54,934	54,934	54,934	54,934	54,934	54,934
Subtotal Non-Residential	1,427,525	1,428,463	1,429,422	1,430,402	1,431,403	1,432,425
Gallons Above Monthly Allowance	1,512,031	1,513,359	1,514,710	1,516,084	1,517,482	1,518,904
Estimated Total Water Billed	71%	71%	70%	70%	70%	70%
Cost per 1,000 Gallons above Base Allowance	\$1.61	\$1.68	\$1.75	\$1.82	\$1.89	\$1.97
Construction Water	\$1.75	\$1.82	\$1.89	\$1.97	\$2.05	\$2.13

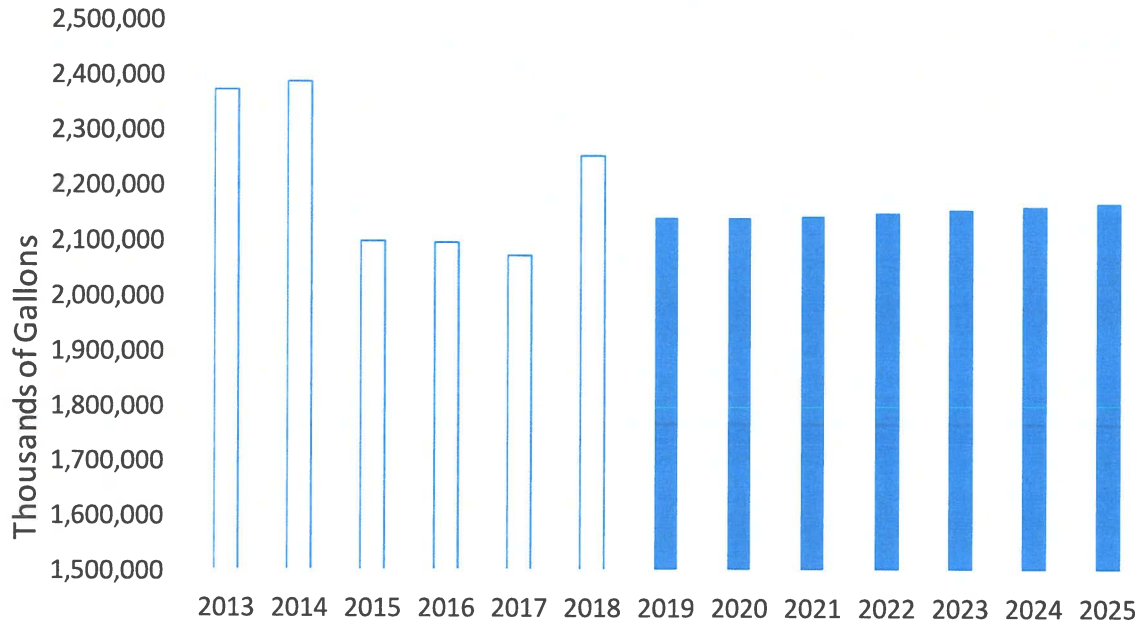
Source: City of Livingston and HEC September 2019.

use fees

The calculation of use charges is based on allocated cost and projected water demand for each customer category. Total projected water demand is shown in **Figure 8** on the next page and by customer category in **Appendix Table A-15**. The projection of water demand is based on average water use for the past three years plus the assumed growth of 25 new one-inch water meters per year. In addition, the projected water use accounts for customers' reactions to price increases. The relationship between increased prices and decreased demand is referred to as price elasticity. Price elasticity varies by geography due to many micro-economic variables. HEC applied industry knowledge to establish assumed price elasticity factors for the Study. Price elasticity analysis is shown in **Tables A-16** and **A-17**.

Construction water use fees for water pulled off fire hydrants, and which are not property-related fees, are calculated as the average cost per gallon for all water service costs excluding meter replacement. This methodology is updated from the 2014 water rate study which is why the cost increase is greater than for other water customers.

Figure 8
Historical and Projected Annual Water Demand



The calculated meter replacement fees are shown in **Table 9**. Due to updated pricing provided by the City’s water meter supplier, the monthly meter fee for 10” meters decreased. All other monthly meter fees increased.

Table 9
Calculated Meter Replacement Fees by Meter Size

Meter Size	Fiscal Year Ending					
	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
	<i>Annual Escalator 3%</i>					
1"	\$3.21	\$3.31	\$3.41	\$3.51	\$3.62	\$3.72
1-1/2"	\$7.57	\$7.80	\$8.04	\$8.28	\$8.52	\$8.78
2"	\$14.46	\$14.90	\$15.35	\$15.81	\$16.28	\$16.77
3"	\$18.05	\$18.59	\$19.15	\$19.72	\$20.31	\$20.92
4"	\$42.72	\$44.01	\$45.33	\$46.69	\$48.09	\$49.53
6"	\$73.83	\$76.04	\$78.32	\$80.67	\$83.09	\$85.59
8"	\$120.38	\$123.99	\$127.71	\$131.54	\$135.49	\$139.55
10"	\$155.35	\$160.01	\$164.81	\$169.76	\$174.85	\$180.10

Source HEC.

meter fee

Total calculated rates include the fixed monthly service charges, meter replacement fees, and consumption charges. The calculated water rate schedule is provided in **Table 10** below.

Table 10
Calculated New Water Rates Schedule

Charges	Current	Jan-20	Jan-21	Jan-22	Jan-23	Jan-24	Jan-25
Base Charge	Inside City *						
1" and smaller	\$25.13	\$28.31	\$29.32	\$30.37	\$31.46	\$32.59	\$33.77
1.5"	\$50.27	\$56.62	\$58.65	\$60.75	\$62.93	\$65.19	\$67.53
2"	\$80.43	\$90.59	\$93.83	\$97.20	\$100.68	\$104.30	\$108.05
3"	\$175.94	\$198.17	\$205.26	\$212.62	\$220.24	\$228.15	\$236.36
4"	\$301.61	\$339.72	\$351.88	\$364.48	\$377.56	\$391.12	\$405.18
6"	\$628.35	\$707.74	\$733.07	\$759.34	\$786.58	\$814.83	\$844.13
8"	\$1,206.43	\$1,358.87	\$1,407.50	\$1,457.93	\$1,510.24	\$1,564.48	\$1,620.73
10"	\$1,910.18	\$2,151.54	\$2,228.54	\$2,308.40	\$2,391.21	\$2,477.09	\$2,566.16
Meter Fee							
1" and smaller	\$3.05	\$3.21	\$3.31	\$3.41	\$3.51	\$3.62	\$3.72
1.5"	\$11.11	\$7.57	\$7.80	\$8.04	\$8.28	\$8.52	\$8.78
2"	\$12.13	\$14.46	\$14.90	\$15.35	\$15.81	\$16.28	\$16.77
3"	\$25.74	\$18.05	\$18.59	\$19.15	\$19.72	\$20.31	\$20.92
4"	\$40.61	\$42.72	\$44.01	\$45.33	\$46.69	\$48.09	\$49.53
6"	\$56.33	\$73.83	\$76.04	\$78.32	\$80.67	\$83.09	\$85.59
8"	\$89.50	\$120.38	\$123.99	\$127.71	\$131.54	\$135.49	\$139.55
10"	\$204.51	\$155.35	\$160.01	\$164.81	\$169.76	\$174.85	\$180.10
Service Charge Monthly Water Allowance							
Attached Residential (per Unit)	10,000	gallons					
Detached Residential (per Unit)	25,000	gallons					
Non-Residential (per Meter)	35,000	gallons					
Consumption Charge per 1,000 gallons of water in excess of allowance each month							
All Customers	\$1.57	\$1.61	\$1.68	\$1.75	\$1.82	\$1.89	\$1.97
Construction Water	\$1.17	\$1.75	\$1.82	\$1.89	\$1.97	\$2.05	\$2.13

Source: City of Livingston and 2019 HEC rate study.

sched

* Water rate schedules 1.5x outside City limits.

In compliance with California SB-7, which requires all new multi-family residential development to be individually metered or sub-metered, any newly constructed units will pay the same base rate per unit as all current detached residential units unless the owner of the building(s) sub-meters each unit and performs its own internal water billing of each unit.

2.4 CASH FLOW AND FUND BALANCE

Table 11 below shows the projected cash flow for the water enterprise fund through fiscal year 2025. With adoption of the calculated rates it is anticipated that the City will be able to meet all water enterprise fund obligations, including existing and potential debt service coverage requirements, and achieve a target of at least six months of revenues in unrestricted cash reserves most years.

Table 11
Projected Cash Flow

Revenues and Expenses	Fiscal Year Ending					
	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Revenues						
User Fees ---- Jul-Dec	\$1,796,183	\$1,872,521	\$1,952,103	\$2,035,067	\$2,121,558	\$2,211,724
User Fees ---- Jan-Jun	\$1,872,521	\$1,952,103	\$2,035,067	\$2,121,558	\$2,211,724	\$2,305,722
Meter Replacement Fees	\$154,748	\$154,070	\$159,188	\$163,964	\$168,883	\$173,949
Meter Installation Fees	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000
Fines & Forfeitures	\$18,519	\$19,075	\$19,647	\$20,237	\$20,844	\$21,469
Interest Income	\$48,768	\$48,768	\$48,768	\$48,768	\$48,768	\$48,768
Miscellaneous Revenue	\$7,959	\$7,959	\$7,959	\$7,959	\$7,959	\$7,959
Total Revenues	\$3,907,698	\$4,063,496	\$4,231,733	\$4,406,553	\$4,588,735	\$4,778,591
Operating Expenses	\$2,351,781	\$2,171,249	\$2,691,573	\$2,367,784	\$3,148,503	\$2,583,704
Net Income before Debt Service	\$1,555,917	\$1,892,247	\$1,540,160	\$2,038,769	\$1,440,232	\$2,194,887
Debt Service	\$126,136	\$298,767	\$1,002,547	\$1,002,547	\$1,002,547	\$1,002,547
<i>Debt Coverage</i>	12.3	6.3	1.5	2.0	1.4	2.2
System Rehab & New Projects Cash-Funded	\$1,322,000	\$1,320,002	\$1,509,397	\$97,000	\$2,032,875	\$97,000
Net Revenue	\$107,781	\$273,477	(\$971,785)	\$939,221	(\$1,595,190)	\$1,095,340
Beginning Cash Balance [1]	\$3,343,451	\$3,451,232	\$3,724,709	\$2,928,870	\$4,044,036	\$2,624,791
Net Revenue	\$107,781	\$273,477	(\$971,785)	\$939,221	(\$1,595,190)	\$1,095,340
Transfer In from Capital Fund for Debt			\$175,945	\$175,945	\$175,945	\$175,945
Estimated Ending Cash Balance	\$3,451,232	\$3,724,709	\$2,928,870	\$4,044,036	\$2,624,791	\$3,896,076
Restricted Balance [2]	\$126,136	\$298,767	\$1,002,547	\$1,002,547	\$1,002,547	\$1,002,547
Unrestricted Balance	\$3,325,096	\$3,425,942	\$1,926,322	\$3,041,489	\$1,622,243	\$2,893,528
Min. Unrestricted Balance [3]	\$1,953,849	\$2,031,748	\$2,115,866	\$2,203,276	\$2,294,368	\$2,389,296

Source: City of Livingston September 2019 and HEC.

flow

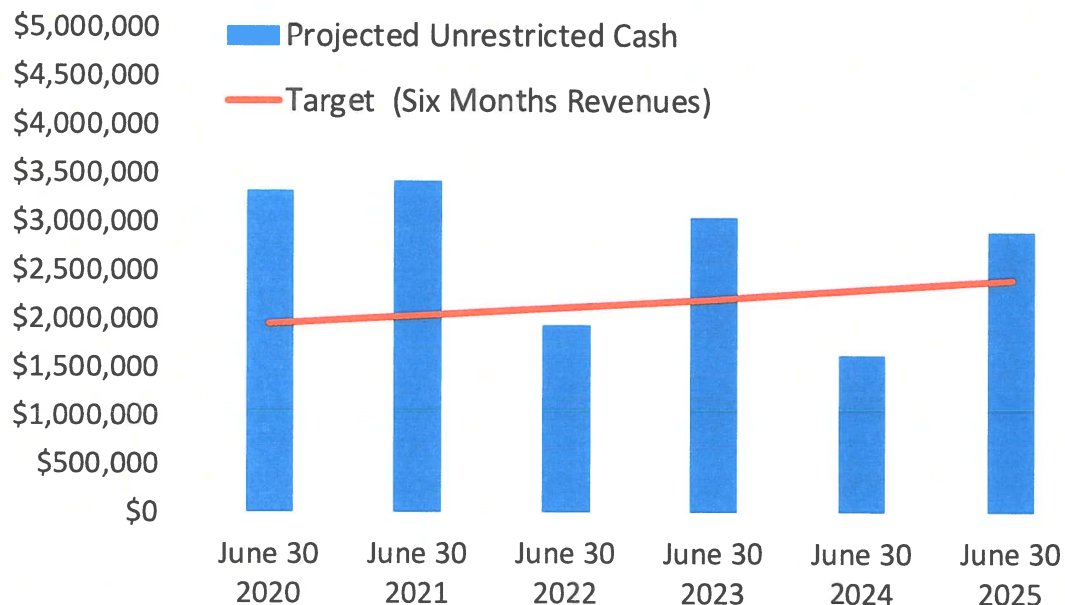
[1] Beginning cash balance as of July 1, 2019.

[2] One year of debt service.

[3] Six months of revenues.

Figure 9 shows projected and target water fund balances through fiscal year ending 2025.

Figure 9
Projected Water Fund Cash Balance



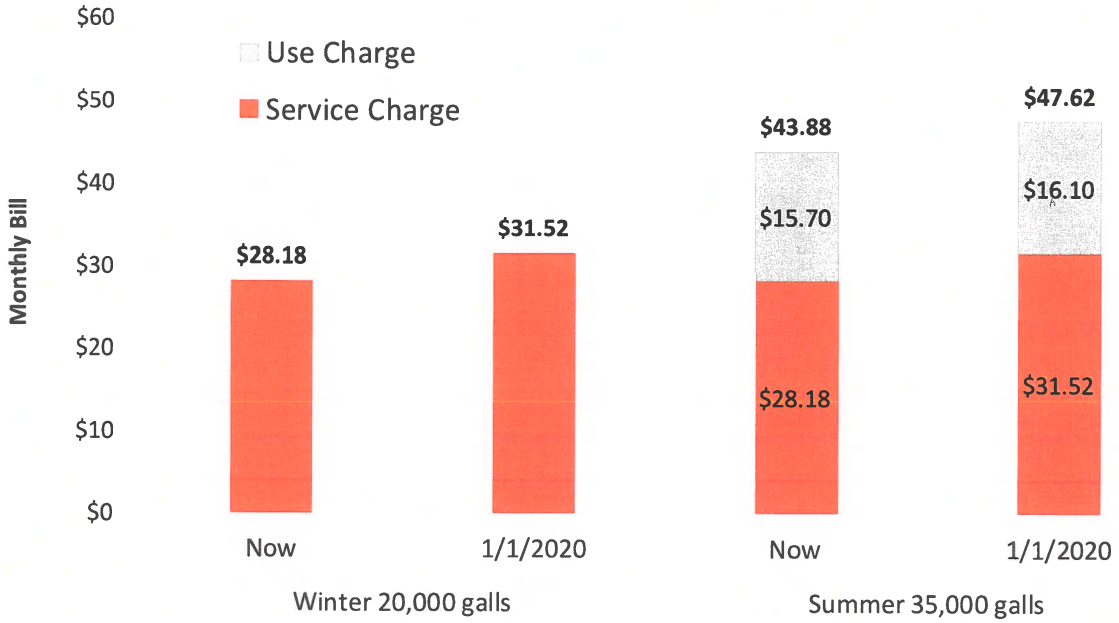
A higher than minimum cash balance at the end of five years would be prudent for the water fund because of the multiple number of CIP project planned in the next five years. Cash reserves can be used, if necessary, to pay for project cost overruns; it can also be used to pay off State loans early and complete other system rehabilitation projects not currently in the CIP.

2.5 BILL IMPACTS

2.5.1. Residential Bill Impacts

Bill impacts arising from new rates beginning January 2020 are illustrated for single family homes at different use levels in **Table 12** on page 30. During the winter, most homes would have an increase of \$3.34 per month. During the summer, most homes would have an increase of about \$4.00 per month. An illustration of bill impacts to a single-family home for winter and summer use is shown in **Figure 10** on the following page.

Figure 10
First Year Seasonal Bill Impacts for Single Family Home



The projection of a monthly bill for homes using 20,000 gallons is illustrated in **Figure 11** for the next five years.

Figure 11
Bill Impact for a Home using 20,000 Gallons

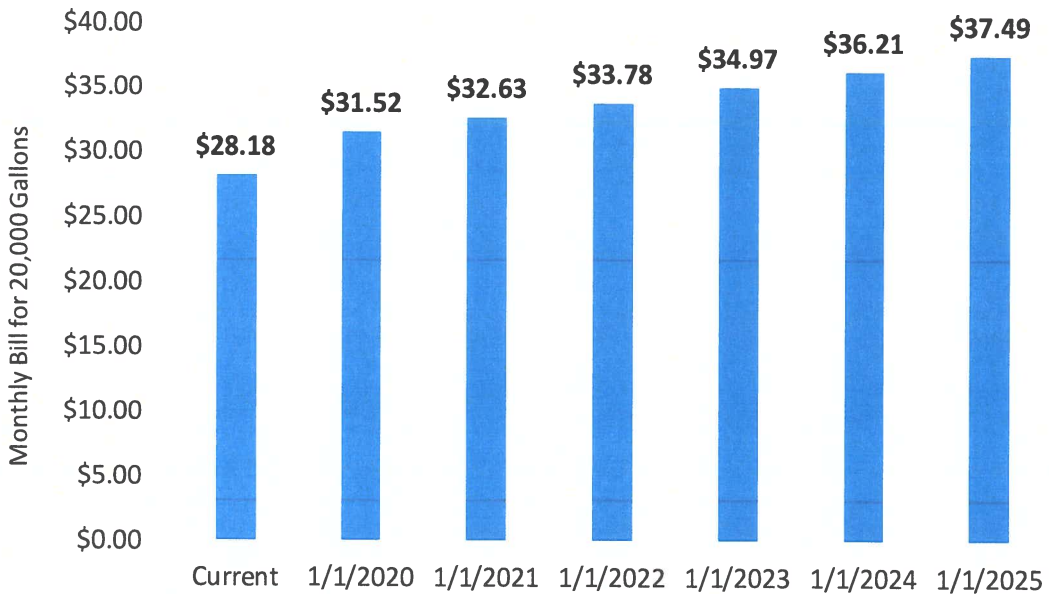


Table 12
Single Family Water Usage Monthly Bill Impacts

Monthly Use in Thousands of Gallons	Current			Total Monthly Bill	New Rates Jan. 2020			Total Monthly Bill	Difference New less Current
	Service Fee 1" and Smaller	Meter Fee	Use Charge > 25,000 galls		Service Fee 1" and Smaller	Meter Fee	Use Charge > 25,000 galls		
			<i>Rate per 1,000 galls</i>				<i>Rate per 1,000 galls</i>		
			<i>\$1.57</i>				<i>\$1.61</i>		
1	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
2	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
3	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
4	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
5	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
6	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
7	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
8	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
9	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
10	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
11	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
12	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
13	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
14	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
15	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
16	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
17	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
18	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
19	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
20	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
25	\$25.13	\$3.05	\$0.00	\$28.18	\$28.31	\$3.21	\$0.00	\$31.52	\$3.34
30	\$25.13	\$3.05	\$7.85	\$36.03	\$28.31	\$3.21	\$8.05	\$39.57	\$3.54
35	\$25.13	\$3.05	\$15.70	\$43.88	\$28.31	\$3.21	\$16.10	\$47.62	\$3.74
40	\$25.13	\$3.05	\$23.55	\$51.73	\$28.31	\$3.21	\$24.15	\$55.67	\$3.94
45	\$25.13	\$3.05	\$31.40	\$59.58	\$28.31	\$3.21	\$32.20	\$63.72	\$4.14
50	\$25.13	\$3.05	\$39.25	\$67.43	\$28.31	\$3.21	\$40.25	\$71.77	\$4.34

Source: HEC.

sf bill use

The SWRCB program bases its evaluation of affordability of water rates on two criteria:

1. The median household income (MHI) of the community compared to the State MHI, and
2. The percentage of MHI spent on water bills.

Generally, water rates are considered to be burdensome if they are greater than 2.0 percent of MHI. If a community's MHI is less than 80 percent of the State MHI, the community is considered "Disadvantaged", in which case a rate greater than 1.5 percent of MHI is considered burdensome. The City of Livingston meets the definition of Disadvantaged in 2019.

The affordability test is shown in **Table 13**. Under the calculated water rates for January 2020, a household using less than 25,000 gallons in a month would pay \$31.73, which is 0.72% of the estimated MHI for Livingston. The proposed water rates are, per the SWRCB definitions, affordable.

Table 13
Test of Water Bill Affordability

Item	Current Rates	Rates Jan 2020 [1]
Monthly Water Bill		
Monthly Median Household Income (MHI)	\$4,426.25	\$4,426.25
Monthly Water Bill < 25,000 Gallons	\$28.18	\$31.52
Average Monthly Water Bill as Percentage of MHI [2]	0.64%	0.71%
Median Household Income (MHI)		
Statewide California	\$67,169	
Estimated Livingston [3]	\$53,115	
Livingston MHI as a percentage of the State MHI [4]	79.1%	

Source: HEC, State Water Resources Control Board, and US Census Bureau.

aff

[1] Bills must be greater than or equal to 1.5% of MHI to qualify for Disadvantaged principal forgiveness.

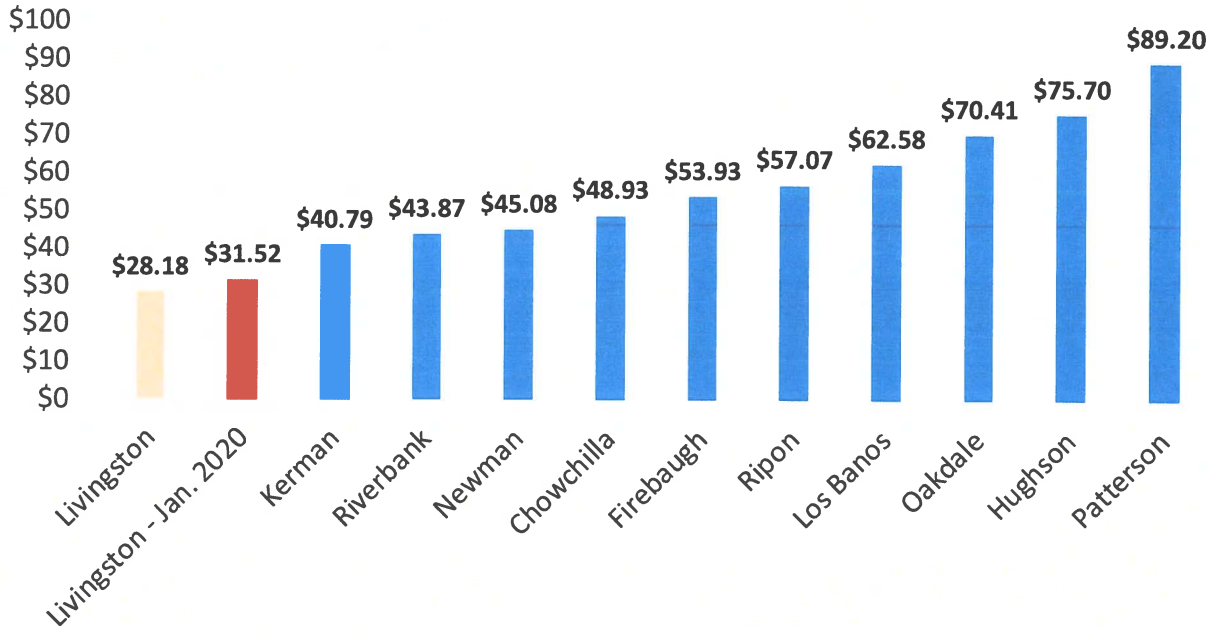
[2] Water bills that are 1.5% to 2.0% of MHI are considered affordable.

[3] 2017 5-year American Community Survey.

[4] Per SWRCB, community with an MHI <80% of the Statewide MHI is Disadvantaged. For a Disadvantaged Community to qualify for grant funding water rates must exceed 1.5% of the service area MHI.

Figure 12 on the next page displays a comparison of regional water bills for a single-family home using 20,000 gallons in a month. Note, however, that some of the comparison cities may be in the process of rate increases as well; this is a snapshot in time.

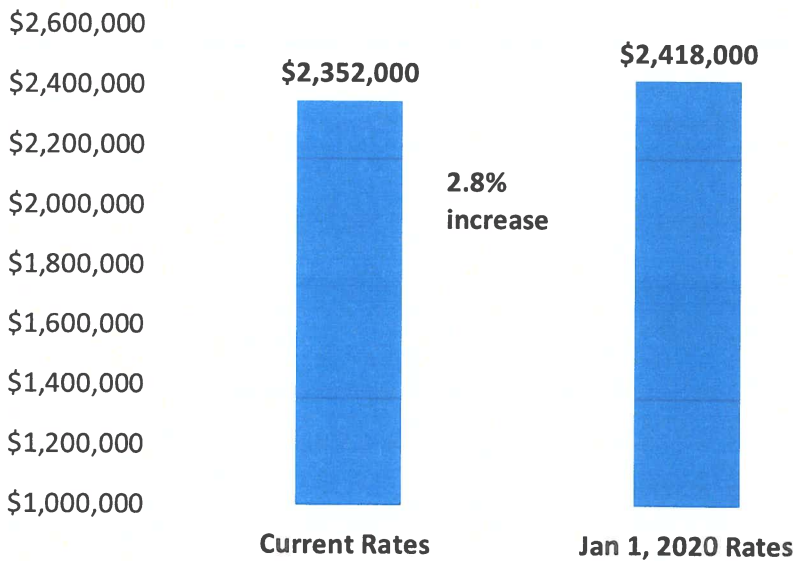
Figure 12
Comparison of Regional Water Bills



2.5.2. Non-Residential Bill Impacts

The effect of the January 2020 rate increase on the City’s largest nonresidential customer, Foster Farms, is shown in **Figure 13** below. The total annual bill would increase from approximately \$2.35 million to \$2.42 million, depending on actual water consumption. For other non-residential customers, the total water bills will increase approximately 4.25%, depending on the actual quantity of water used.

Figure 13
Impact of Year 1 Rate Increase on Foster Farms



Section 3: WASTEWATER RATE STUDY

The wastewater rate study was prepared using the principles established by the Water Environment Federation Manual of Practice No. 27 and guidelines prepared by the California State Water Resources Control Board for State Revolving Fund financing. This study uses the functional cost allocation methodology to determine rates³.

The following four steps outline how wastewater rates are calculated such that the monthly wastewater rates meet California's legal requirements.

- 1. Establish the Wastewater Customer Base and User Characteristics** – Wastewater flow and strength data for each customer type is based on City flow measurements and industry standards.
- 2. Project the Revenue Requirement and Allocate to Collection and Treatment** – The revenue requirement analysis compares the revenues of the utility to its operating and capital costs to determine the adequacy of existing rates to recover the utility's costs. Components of revenue requirement include capital improvement costs, system rehabilitation costs, operations and maintenance costs, debt service costs, and operating reserve costs. Non-rate revenue credited against the projected costs include interest income, fines and forfeits, and miscellaneous revenues.
- 3. Allocate Revenue Requirement based on Flow and Strength and Determine Unit Costs** – The revenue requirement is allocated based on flow and strength depending on the percentage distribution of operations and maintenance operations attributed to flow, biological oxygen demand (BOD),⁴ and total suspended solids (SS).⁵ Per unit revenue requirement for each projected year is determined by dividing the allocated revenue requirement by the demand for each customer type.
- 4. Determine Revenue Requirement by Customer Type** – Per unit costs from step 3 are multiplied by the flow and strength characteristics of each customer category to determine the annual cost by customer type.

3.1 THE WASTEWATER FUND AND ITS CUSTOMERS

3.1.1 Revenues.

The wastewater system is funded through monthly charges, fees, and investment earnings. The existing wastewater rate schedule of monthly charges is shown in **Table 14**.

³ Chapter 6, pages 110-120, Financing and Charges for Wastewater Systems, Manual of Practice No. 27.

⁴ BOD demand is the amount of dissolved oxygen needed by aerobic biological organisms in a body of water to break down organic material present in a given water sample at certain temperature over a specific time period. The term also refers to a chemical procedure for determining this amount.

⁵ Total SS is a measure of the combined content of all inorganic and organic substances contained in a liquid in molecular, ionized or micro-granular (colloidal sol) suspended form.

Table 14
Current Wastewater Rates Schedule

Customer Category		Monthly Rates
Flat Monthly Charges		
Residential Inside City	per unit	\$43.84
Residential Outside City	per unit	\$65.76
Churches/Temples/Comm. Ctrs	per account	\$42.28
Schools (with Cafeteria)	per student	\$1.46
Hotel / Motel	per room	\$17.22
Flat and Variable Monthly Charges		
Industrial Flat Charge	per account	\$43.84
Commercial Flat Charge	per account	\$43.84
Industrial Variable Charge [1]	per gallon	\$0.010417
Commercial Variable Charge [2]	per gallon	\$0.003837

Source: HEC.

curr

[1] Charge applied to the first 95% of total water use per month.

[2] Charge applied to the first 70% of total water use per month.

Flat monthly charges are paid by residential, church/temple/community center, school and hotel/motel customers. Industrial and commercial customers pay a flat monthly charge plus a use charge. The use charge is applied to water meter monthly readings multiplied by 95% for industrial customers, and 70% for commercial customers. The use charges are applied to a reduced water use to account for applications of water that do not enter the wastewater system.

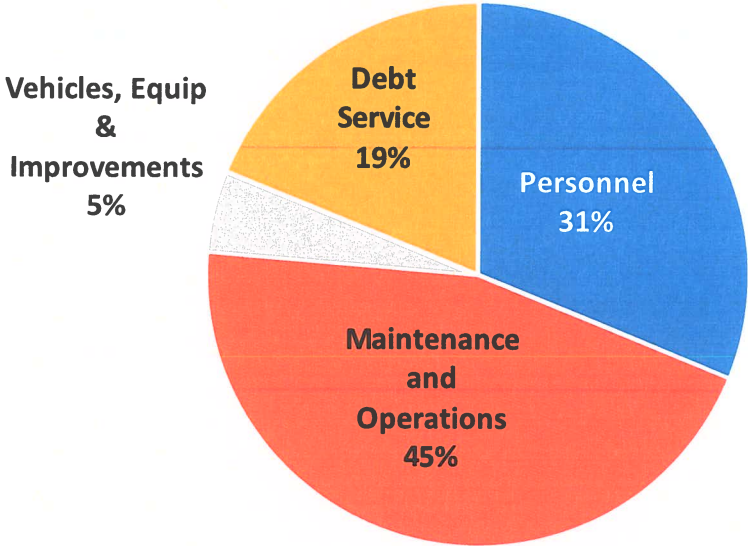
Flat monthly charges are applied to residential users per unit, to churches/temples/community centers, industrial and commercial customers per account, to schools per student, and to hotels/motels per room.

Wastewater fund revenues for the past three years are provided in **Appendix B Table B-1**.

3.1.2 Expenses.

Monthly wastewater bills pay for operating costs, including personnel costs, debt service, and vehicles, equipment and infrastructure replacement and improvements. **Figure 14** on the next page shows what monthly bills pay for. Wastewater fund expenses for the past three years are provided in **Appendix B Table B-2**.

Figure 14
Wastewater Fund Annual Expenses



For the last three years, the wastewater fund has generated sufficient revenues to pay for the costs of the wastewater system. **Table 15** on the next page shows that revenues are currently approximately \$2.31 million per year, while expenses are approximately \$1.89 million per year.

Table 15
Historical Wastewater Fund Revenues and Expenses

Revenues and Expenses	Fiscal Year Ending		
	2017	2018	2019
Revenues			
Intergovernmental	\$0	\$13,230	(\$3,035)
Charges for Services	\$2,038,750	\$2,078,675	\$2,198,789
Fines & Forfeits	\$24,803	\$28,702	\$22,417
Return on Use of Money/Property	\$16,694	\$20,976	\$22,119
Miscellaneous	\$10,988	\$41,847	\$66,466
Total Revenues	\$2,091,235	\$2,183,429	\$2,306,757
Expenses			
Personnel	\$422,346	\$543,621	\$630,284
Supplies	\$978,618	\$618,001	\$711,411
Maintenance and Operations	\$3,856	\$2,741	\$2,458
Vehicles, Equip & Improvements	\$42,348	\$64,278	\$142,046
Debt Service	\$247,046	\$271,950	\$448,450
Total Expenses	\$1,694,213	\$1,500,591	\$1,934,649
Net Revenue	\$397,022	\$682,838	\$372,108

Source: City of Livingston financials, provided November 2019.

net

RATE METHODOLOGY STEP 1

Establish the Wastewater Customer Base and User Characteristics

Figure 15 on the next page shows the percentage of wastewater customers by customer category. Residential customers comprise 96% of the wastewater system customer base. Commercial, light industrial and other customers (such as churches and schools) comprise the remaining 4% of the customer base. The current number of wastewater accounts by customer category is provided in Appendix B Table B-3.

The wastewater customers generate, on average, 1.12 million gallons per day in flow that is treated at the wastewater treatment plant. Flow is reasonably steady from year to year, growing with increased number of customers. Historical wastewater plant influent flow is shown in Appendix B Table B-4.

Figure 16 on the next page shows wastewater flows to the treatment plant for the last three years. Wastewater flows fluctuate from year to year with changes to the customer base and quantity of water consumed (that is not applied to landscapes).

Figure 15
Wastewater Customers by Category

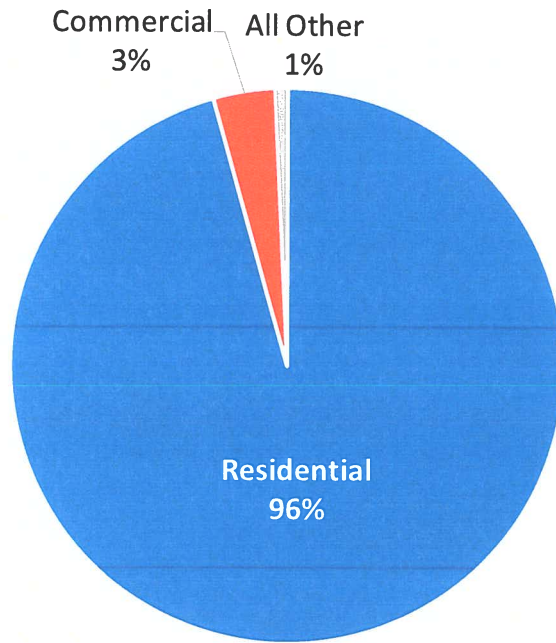
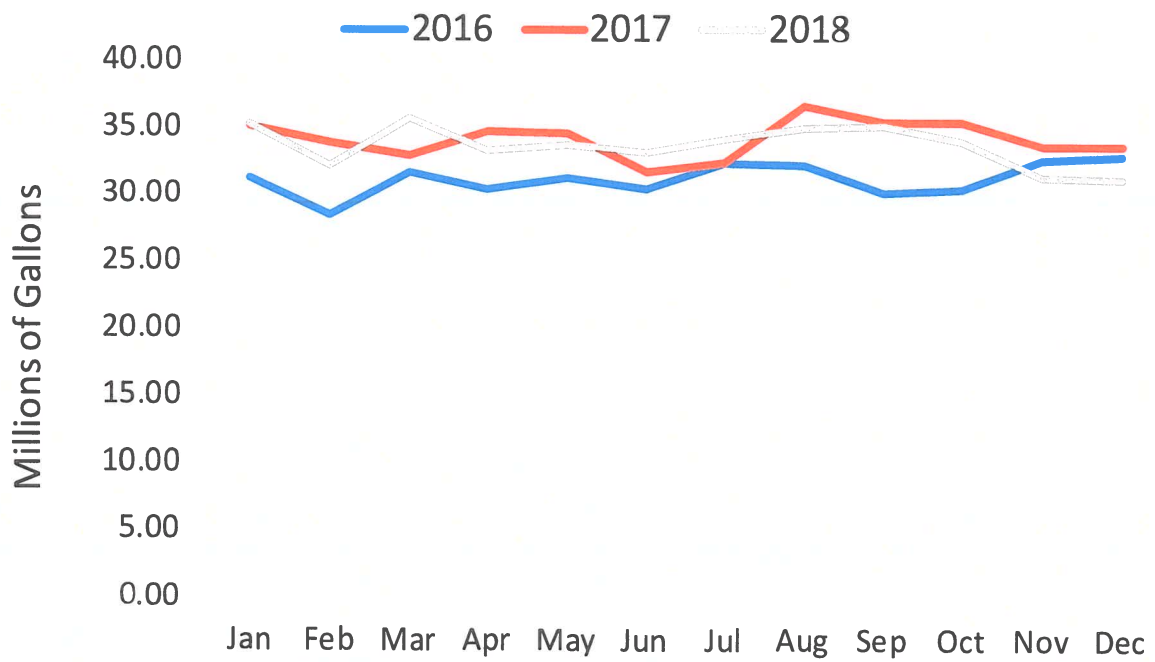


Figure 16
Wastewater Flow for the Last Three Years



The rate study allocates wastewater system costs to customer groups based on their user characteristics. The current number of wastewater customers and total calculated flow for each customer and customer category, BOD, and SS characteristics are summarized in **Table 16** on the following page.

About 80% of total annual flow is generated by residential customers and 20% by non-residential customers. Residential customers generated approximately 70% of the BOD and SS treated annually at the wastewater treatment plant. Generally, non-residential customers generate dirtier wastewater that requires greater costs to clean.

3.2 REVENUE REQUIREMENT

RATE METHODOLOGY STEP 2

Project the Revenue Requirement and Allocate to Collection and Treatment Costs

The revenue requirement is the amount to be raised by wastewater charges. The projection of the revenue requirement is the cornerstone for calculation of rates. This section explains the derivation of the revenue requirement for this Study.

Components of the revenue requirement include:

- Operating Expenses
- Capital Improvement and Debt Service
- System Rehabilitation

Non-wastewater sales revenue projections are credited against projected operations costs. Non-wastewater sales include interest income, fines and forfeits, and other miscellaneous revenues.

3.2.1 Operations Expenses

Operating expenses are projected based on fiscal year 2019 actual expenditures. Operating expenses include annual costs for personnel (including benefits), professional and contract services, treatment plant operations and maintenance, collection system and other wastewater facilities operations and maintenance, utilities, facilities equipment and other costs, and tools, subscriptions, and supplies. Operating expenses totaled \$1.34 million in fiscal year 2019. The rate study increases each of the operating cost categories over the next five years in anticipation of cost increases.

Personnel costs are increased 6.0% per year, utilities at 4.0% per year, and other costs between 2.5% and 3.5% per year.

3.2.2 Capital Improvements and Debt Service

Anticipated capital improvement expenses over the next five years include upgrades of the biosolids dewatering equipment at the treatment plant, as well as replacement of the SCADA tower. The collection system improvements include lift station rehabilitation, sewer line replacement, and vehicles. The CIP was provided in 2019 dollars (see **Appendix Table B-5**) and inflated to future dollars as shown in **Table 17**.

**Table 16
Wastewater User Characteristics**

Customer Category	Billing Basis	No. Billing Units (A)	Wastewater Characteristics				Treatment Capacity/Load				Annual Capacity/Load			
			Flow GPD (B)	BOD MG/L (C)	SS MG/L (D)	Weather Flow (MGD) (E)=(A)x(B)/1000000	Avg. Day Dry Lbs/Day (F)=(C)x(E)x8.34	BOD Lbs/Day (G)=(D)x(E)x8.34	SS Lbs/Day (H)=(E)x365	Flow MG (I)=(C)x(H)x8.34	BOD Lbs/Year (J)=(D)x(H)x8.34	SS Lbs/Year		
Residential														
Detached	Unit	3,116	250	250	250	0.78	1,624.22	1,624.22	284.3	592,838	592,838	592,838	592,838	
Attached	Unit	576	220	250	250	0.13	264.21	264.21	46.3	96,437	96,437	96,437	96,437	
Non-Residential														
Churches/Temples/Comm. Ctrs.	Account	16	285	155	170	0.00	5.89	6.47	1.7	2,152	2,360	2,360	2,360	
Schools (with cafeteria)	Student Room	3,707	20	230	165	0.07	142.22	102.02	13.3	25,599	18,364	18,364	18,364	
Hotel/Motel	Room	93	100	350	500	0.01	27.15	38.78	3.4	9,909	14,155	14,155	14,155	
Light Industrial	Account	1	24,000	1,000	800	0.02	200.16	160.13	8.8	73,058	58,447	58,447	58,447	
Commercial	Account	119	850	525	650	0.10	442.89	548.33	36.9	161,653	200,142	200,142	200,142	
TOTAL						1.12	2,706.73	2,744.16	394.7	961,646	982,743	982,743	982,743	

Source: City of Livingston May 2019, and HEC. char

**Table 17
Inflated Wastewater CIP**

Capital Project	Funding Source	Fiscal Year Ending					
		2020	2021	2022	2023	2024	2025
Treatment Plant				3.5%			
Biosolids Dewatering Equipment	Rates	\$300,000	\$207,000	\$0	\$0	\$0	\$0
SCADA Tower	Rates	\$15,000	\$0	\$0	\$0	\$0	\$0
Total Treatment Plant		\$315,000	\$207,000	\$0	\$0	\$0	\$0
Collection System							
Lift Station Rehabilitation (Singh & Burgandy)	Rates	\$100,000	\$103,500	\$0	\$0	\$0	\$0
Sewer Line Replacement [1]	Grant	\$0	\$2,898,000	\$0	\$0	\$0	\$0
Additional Sewer Line Replacement	Rates	\$0	\$0	\$214,245	\$665,231	\$745,890	\$831,380
New Disc & Ripper Tractor	Rates	\$0	\$222,525	\$0	\$0	\$0	\$0
New Vac-On Sewer Truck	Rates	\$0	\$0	\$374,929	\$0	\$0	\$0
Total Collection System		\$100,000	\$3,224,025	\$589,174	\$665,231	\$745,890	\$831,380
Total Wastewater System		\$6,677,700	\$415,000	\$3,431,025	\$589,174	\$665,231	\$745,890
Funded by Grants		\$2,898,000	\$0	\$2,898,000	\$0	\$0	\$0
Funded by Rates		\$3,779,700	\$415,000	\$533,025	\$589,174	\$745,890	\$831,380
Funded by Loan		\$0	\$0	\$0	\$0	\$0	\$0

Source: City of Livingston Public Works May 2019.

inf cip

[1] The City anticipates that this cost will be funded by a CDBG grant.

Of the total \$6.68 million in the CIP, the City anticipates \$2.90 million will be funded by a Community Development Block Grant. The remaining \$3.78 million would be funded by wastewater rates and the projects would be funded on a pay-as-you-go basis.

No new debt is anticipated to be necessary over the next five years; however, the City does have existing wastewater system debt. The debt was refunded in 2016 with savings to the wastewater customers. The remaining debt payments are provided in **Appendix B Table B-6**. Debt service is about \$450,000 per year.

3.2.3 System Rehabilitation

All of the capital improvement plan is for system rehabilitation. As such, there is no additional collection included in the rates for depreciation. The City's current wastewater assets and estimated annual depreciation cost through the study period is provided in **Appendix B Table B-7** (with support **Table B-8**).

The projected revenue requirement is provided in **Table 18**. Included in the projection is an adjustment to allow for variances from year to year for non-residential use as well as delinquencies. The revenue requirement is projected to increase from \$1.81 million in fiscal year 2019 to \$3.04 million in fiscal year 2025. Currently, the City raises \$2.20 million in user fees. The rate study smooths out rate increases each year so that the amount to be collected from rates increases to \$2.48 million in 2020 and \$3.25 million in 2025.

Table 18
Projected Revenue Requirement for Wastewater

Expenses	inflator	Fiscal Year Ending						
		2019	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Operating Expenses								
Personnel	6.0%	\$630,284	\$668,101	\$708,187	\$750,678	\$795,719	\$843,462	\$894,070
Professional & Contract Services	3.0%	\$95,330	\$98,190	\$101,136	\$104,170	\$107,295	\$110,514	\$113,829
Treatment Plant O&M	3.5%	\$51,286	\$53,081	\$54,939	\$56,862	\$58,852	\$60,912	\$63,044
Collection & Facilities O&M	3.5%	\$53,971	\$55,860	\$57,815	\$59,838	\$61,933	\$64,100	\$66,344
Utilities	4.0%	\$239,258	\$248,828	\$258,781	\$269,133	\$279,898	\$291,094	\$302,737
Facilities, Equipment & Other O&M	3.5%	\$65,969	\$68,278	\$70,667	\$73,141	\$75,701	\$78,350	\$81,092
Tools, Subscriptions, Supplies	2.5%	\$208,055	\$213,256	\$218,588	\$224,052	\$229,653	\$235,395	\$241,280
Total Operating Expenses		\$1,344,153	\$1,405,594	\$1,470,113	\$1,537,874	\$1,609,051	\$1,683,827	\$1,762,396
Debt Service								
Series 2016A Refunding		\$448,450	\$451,250	\$448,650	\$445,850	\$447,850	\$449,450	\$450,650
New Debt Service		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Debt Service		\$448,450	\$451,250	\$448,650	\$445,850	\$447,850	\$449,450	\$450,650
System Rehabilitation and New Projects								
Equipment & Vehicle Purchases	constant	\$142,046	\$50,000	\$272,525	\$424,929	\$50,000	\$50,000	\$50,000
Cash-Funded Capital Projects			\$415,000	\$310,500	\$214,245	\$665,231	\$745,890	\$831,380
Subtotal System Rehab. And New Projects		\$142,046	\$465,000	\$583,025	\$639,174	\$715,231	\$795,890	\$881,380
Addition to Operating Reserve			\$50,000	\$50,000	\$50,000	\$0	\$0	\$0
Additional Collection for Depreciation			\$0	\$0	\$0	\$0	\$0	\$0
Total Costs		\$1,934,649	\$2,371,844	\$2,551,788	\$2,672,898	\$2,772,132	\$2,929,167	\$3,094,427
Fixed	70%	\$1,326,037	\$1,743,292	\$1,902,616	\$2,002,402	\$2,079,585	\$2,213,814	\$2,355,488
Variable	30%	\$608,612	\$628,552	\$649,172	\$670,495	\$692,547	\$715,353	\$738,939
Credits								
Intergovernmental	[1]	(\$3,035)	\$0	\$0	\$0	\$0	\$0	\$0
Charges for Services	[1]	\$16,464	\$0	\$0	\$0	\$0	\$0	\$0
Fines & Forfeits	constant	\$22,417	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000
Return on Use of Money	constant	\$22,119	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Miscellaneous	constant	\$66,466	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Total Credits		\$124,431	\$54,000	\$54,000	\$54,000	\$54,000	\$54,000	\$54,000
Total Revenue Requirement		\$1,810,217	\$2,317,844	\$2,497,788	\$2,618,898	\$2,718,132	\$2,875,167	\$3,040,427
Adjustment [2]			\$161,050	\$173,553	\$181,969	\$188,864	\$199,775	\$211,258
Estimated Revenue Requirement			\$2,478,894	\$2,671,341	\$2,800,866	\$2,906,995	\$3,074,942	\$3,251,684

Source: City of Livingston Financials provided September 2019, and HEC.

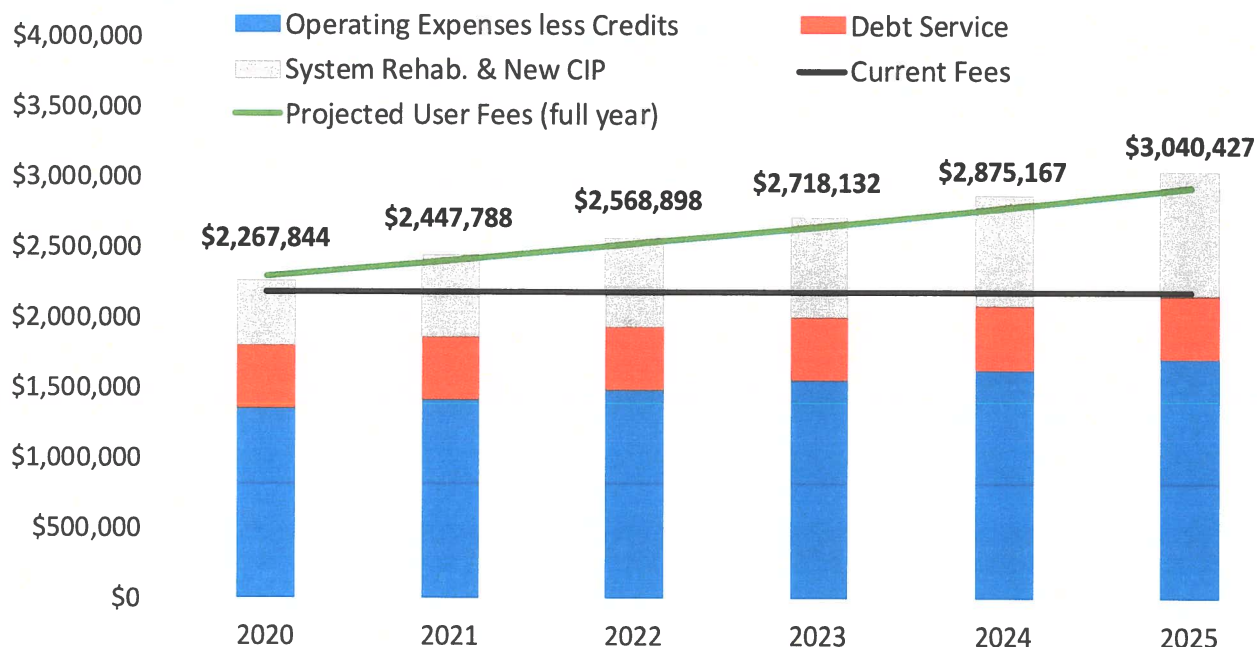
rev req

[1] Infrequent, one-time revenues.

[2] Includes allowance for variances year to year for non-residential use as well as delinquencies.

Figure 17 on the next page shows the current fee collections, projected fee collections and components of revenue requirement for the next five years.

Figure 17
Projected Revenue Requirement and Fee Collections



3.3 WASTEWATER RATE CALCULATIONS

All of the tables in this section show the calculations for the first year of the analysis, fiscal year 2019-20 to illustrate how the rates are calculated. The same cost allocation methodology is used for all years considered in this analysis.

RATE METHODOLOGY STEP 3

Allocate Revenue Requirement based on Flow and Strength and Determine Unit Costs

The cost to treat wastewater is a function of the total volume (“flow”) and the level of pollutants (“strength”) of the wastewater discharged by a customer.

Costs are allocated to customer categories as follows:

- A. Allocate the costs (by Cost Category) to flow, BOD and SS
- B. Determine the Unit Cost by Cost Category

Each of these steps is described in greater detail below.

A. Cost Allocation to Flow, BOD, and SS

Costs are first allocated between treatment and collection functions of the wastewater system, as shown in **Table B-9**. Then, costs are allocated to flow, BOD, and SS based on percentage allocation or distribution factors. These percentage allocation factors are based on the estimated distribution

of the treatment and collection facilities operations and maintenance (O&M) activities between or related to flow, BOD, and SS.

B. Unit Cost by Cost Category

The allocated costs are then divided by total annual capacity from **Table 16. Table B-10** in Appendix B shows the calculation of unit costs by cost category for flow, BOD, and SS. Collection costs are strictly related to flow and therefore 100 percent of the collection costs are allocated to flow. The offsetting revenues are allocated by cost category for flow, BOD and SS using the subtotal percentages from the collection and treatment cost allocations.

RATE METHODOLOGY STEP 4

Determine Revenue Requirement by Customer Type

The unit costs determined in **Table B-10** are multiplied by the flow, BOD, or SS for each customer type. These costs are then summed to determine the total costs allocated to each customer type. **Table B-11** in Appendix B shows the cost allocated to flow, BOD, and SS by customer category for fiscal year ending 2020.

Treatment Cost per Thousand Gallons

Total allocated costs to each customer category are shown in **Appendix B Table B-12**. Residential customers are responsible for 80% of the total costs. Commercial customers are responsible for 12% of the cost, and all other customer categories are responsible for 8% of the total cost.

Total treatment cost per thousand gallons is greatest for the highest strength customers (which are in the light industrial customer category) and lowest for churches/temples/community centers, which have the lowest strength wastewater. This is illustrated in **Figure 18**.

Figure 18
Calculated Cost per Thousand Gallons

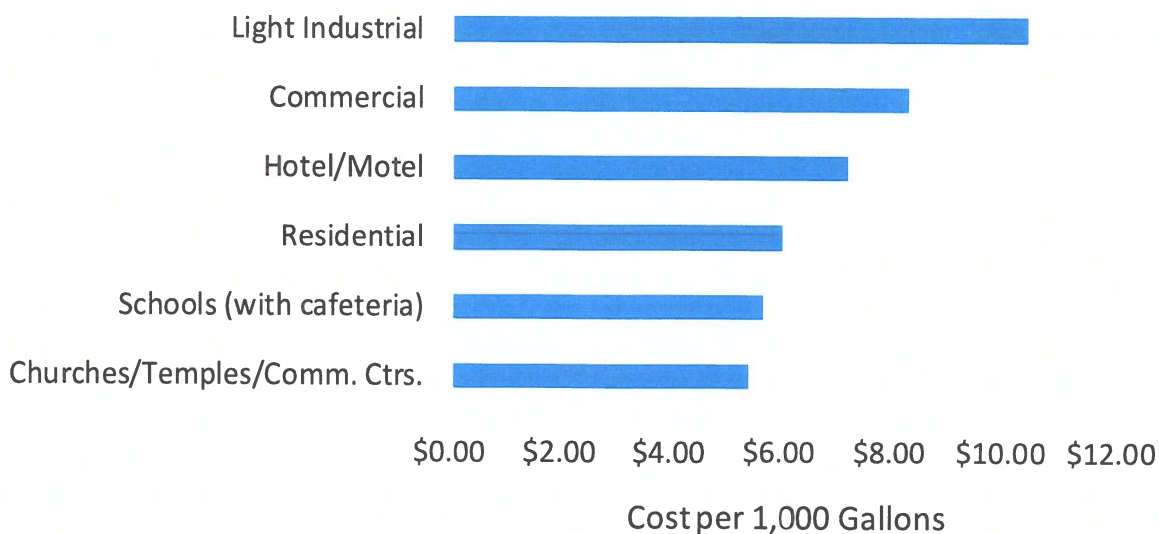


Table 19 on the following page presents the calculated rates for fiscal year ending 2020. The total allocated costs to each customer category provide the basis for the rates. All residential customers will pay for wastewater on a per unit basis. Schools will pay per student. Hotels/motels will pay monthly rates per room. Commercial wastewater customers will pay a flat monthly charge per account and flow charges based on 70% of their metered potable water use each month. Light industrial users will pay a flat monthly charge per account and flow charges based on 95% of their metered potable water use each month.

Table 20 shows the calculated rates for the next five years. The rates take into account anticipated additional growth within the City (shown in **Appendix B Table B-13**). Since 2014, the City has experienced growth in the number of commercial customers and types of commercial customer. The shift in the customer base, as well as updated cost allocation factors used in the rate calculations, results in calculated fees that are slightly lower than current fees for variable charges for light industrial customers. To smooth out the difference between current and January 2021 rates, the rate study takes the midpoint for light industrial variable rate, and for the residential, light industrial and commercial base rates which would otherwise experience a greater jump between 2020 and 2021.

The proposed schedule of rates shown in **Table 21** increases rates for all customer categories in January 2020.

**Table 19
Calculated Rates by Customer Category – Fiscal Year 2020**

Customer Category	Billing Basis	No. Billing Units	Allocated Cost	Base 70%	Flow 30%	Annual Cost per Billing Unit		Monthly Cost Use	
						Base	Flow	Base	Use
Residential	Unit	3,692	\$1,974,414	\$1,382,090	\$592,324	\$374.35	\$160.43	\$534.78	\$44.57
Non-Residential									
Churches/Temples/Comm. Ctrs.	Account	16	\$8,948	\$6,264	\$2,685	\$391.49	\$167.78	\$559.28	\$46.61
Schools (with cafeteria)	Student	3,707	\$74,967	\$52,477	\$22,490	\$14.16	\$6.07	\$20.22	\$1.69
Hotel/Motel	Room	93	\$24,297	\$17,008	\$7,289	\$182.88	\$78.38	\$261.26	\$21.77
Light Industrial	Account	1	\$91,135	\$535	\$90,600	\$534.78		\$534.78	\$44.57
Commercial	Account	119	\$305,132	\$63,639	\$241,493	\$534.78		\$534.78	\$44.57
TOTAL			\$2,478,894	\$1,522,013	\$956,881				

Source: 2019 HEC wastewater rate study.

calc

**Table 20
Calculated Wastewater Rates**

Customer Category	Billing Basis	Current Rates Effective --->	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25
			Jan. 2020	Jan. 2021	Jan. 2022	Jan. 2023	Jan. 2024	Jan. 2025
Residential	per unit	\$43.84	\$44.57	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Non-Residential								
Churches/Temples/Comm. Ctrs.	per account	\$42.28	\$46.61	\$50.22	\$52.66	\$54.66	\$57.81	\$61.14
Schools (with cafeteria)	per student	\$1.46	\$1.69	\$1.82	\$1.90	\$1.98	\$2.09	\$2.21
Hotel/Motel	per room	\$17.22	\$21.77	\$23.46	\$24.60	\$25.53	\$27.01	\$28.56
Light Industrial (Base)	per account	\$43.84	\$44.57	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Commercial (Base)	per account	\$43.84	\$44.57	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Variable Charges for Non-Residential Only								
Light Industrial	per gallon	\$0.010417	\$0.010342	\$0.011145	\$0.011686	\$0.012129	\$0.012829	\$0.013567
Commercial	per gallon	\$0.003837	\$0.006541	\$0.007049	\$0.007391	\$0.007671	\$0.008114	\$0.008580
								sum

Source: 2019 HEC rate study.

**Table 21
Proposed Wastewater Rates**

Customer Category	Billing Basis	Current Rates Effective ---->	FY 2019/20 Jan. 2020	FY 2020/21 Jan. 2021	FY 2021/22 Jan. 2022	FY 2022/23 Jan. 2023	FY 2023/24 Jan. 2024	FY 2024/25 Jan. 2025
Residential	per unit	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Non-Residential								
Churches/Temples/Comm. Ctrs.	per account	\$42.28	\$46.61	\$50.22	\$52.66	\$54.66	\$57.81	\$61.14
Schools (with cafeteria)	per student	\$1.46	\$1.69	\$1.82	\$1.90	\$1.98	\$2.09	\$2.21
Hotel/Motel	per room	\$17.22	\$21.77	\$23.46	\$24.60	\$25.53	\$27.01	\$28.56
Light Industrial (Base)	per account	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Commercial (Base)	per account	\$43.84	\$45.93	\$48.02	\$50.35	\$52.26	\$55.28	\$58.46
Variable Charges for Non-Residential Only								
Light Industrial [1]	per gallon	\$0.010417	\$0.010781	\$0.011145	\$0.011686	\$0.012129	\$0.012829	\$0.013567
Commercial [2]	per gallon	\$0.003837	\$0.006541	\$0.007049	\$0.007391	\$0.007671	\$0.008114	\$0.008580

summ

Source: 2019 HEC rate study.

[1] Charge applied to the first 95% of total water use per month.
 [2] Charge applied to the first 70% of total water use per month.

3.4 CASH FLOW AND FUND BALANCE

The projected cash flow, with revenues that are based on the proposed wastewater rates presented in **Table 21**, is shown in **Table 22**.

Table 22
Projected Cash Flow for the Wastewater Fund

Revenues and Expenses	Fiscal Year Ending					
	2020	2021	2022	2023	2024	2025
Revenues	<i>Each fiscal year has 7 months under the 'old' rates and 5 months under the 'new' rates</i>					
User Fees	\$2,266,108	\$2,447,159	\$2,603,110	\$2,755,330	\$2,923,501	\$3,135,241
Fines & Forfeits	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000
Return on Use of Money	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Miscellaneous	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Subtotal Revenues	\$2,320,108	\$2,501,159	\$2,657,110	\$2,809,330	\$2,977,501	\$3,189,241
Operating Expenses	\$1,405,594	\$1,470,113	\$1,537,874	\$1,609,051	\$1,683,827	\$1,762,396
Net Income before Debt Service	\$914,514	\$1,031,046	\$1,119,236	\$1,200,280	\$1,293,674	\$1,426,844
Debt Service	\$451,250	\$448,650	\$445,850	\$447,850	\$449,450	\$450,650
<i>Debt Service Coverage</i>	<i>2.03</i>	<i>2.30</i>	<i>2.51</i>	<i>2.68</i>	<i>2.88</i>	<i>3.17</i>
System Rehabilitation and New Projects	\$465,000	\$583,025	\$639,174	\$715,231	\$795,890	\$881,380
Net Revenue	(\$1,736)	(\$629)	\$34,212	\$37,199	\$48,334	\$94,814
Beginning Balance [1]	\$928,571	\$926,835	\$926,206	\$960,418	\$997,617	\$1,045,950
Net Revenue	(\$1,736)	(\$629)	\$34,212	\$37,199	\$48,334	\$94,814
Ending Balance	\$926,835	\$926,206	\$960,418	\$997,617	\$1,045,950	\$1,140,764
Restricted Cash	\$451,850	\$451,850	\$451,850	\$451,850	\$451,850	\$451,850
Est. Ending Unrestricted Cash Balance	\$474,985	\$474,356	\$508,568	\$545,767	\$594,100	\$688,914
Target Ending Balance [2]	\$468,531	\$490,038	\$512,625	\$536,350	\$561,276	\$587,465

Source: City of Livingston September 2019 financials and HEC.

flow

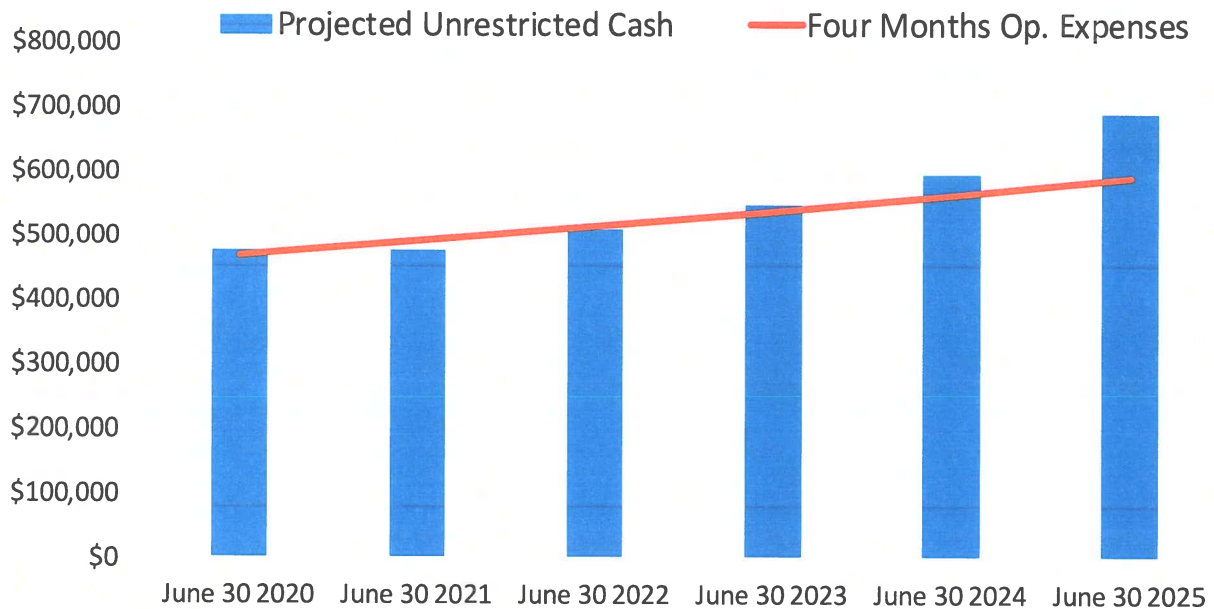
[1] Cash and investments as of July 1, 2019.

[2] Four months of operating expenses.

The projected wastewater fund ending cash balances are shown in **Figure 19** on the next page. Note that although the total cash balance is projected to be greater than illustrated, one year of debt service must be restricted making this cash unavailable for any other purpose.

The target cash balance is four months of operating expenses. If cash accumulation is greater than projected, the City would be able to accelerate sewer main replacements.

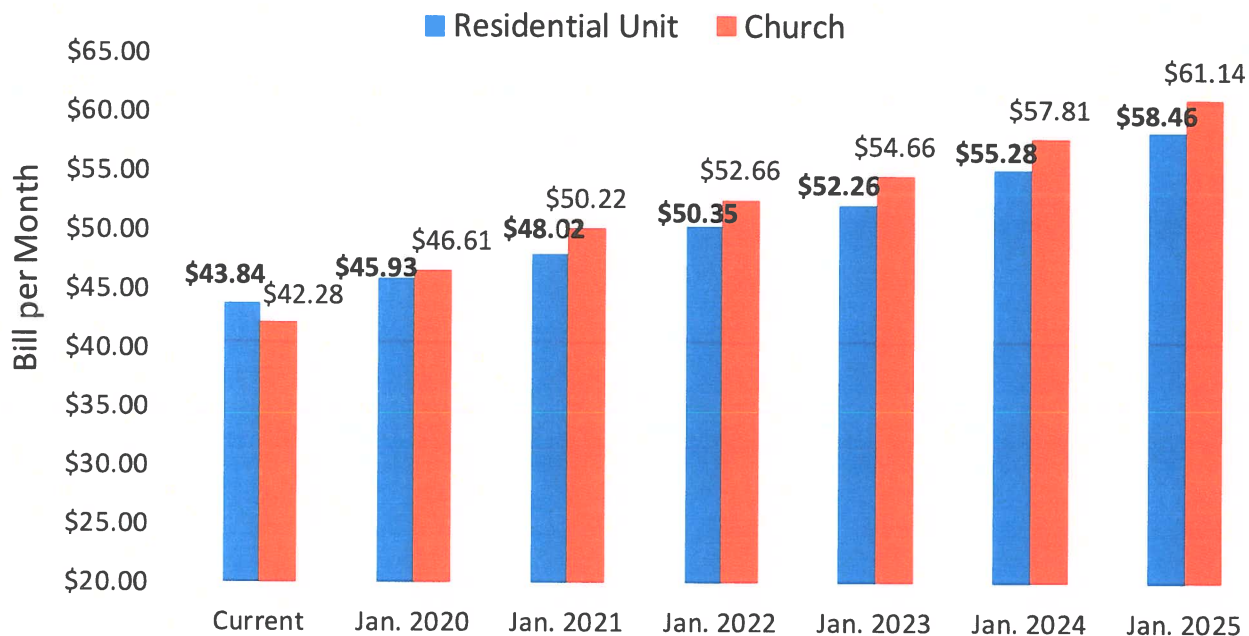
Figure 19
Projected Wastewater Cash Balance



3.5 BILL IMPACTS

Figure 20 illustrates the impact of the new rate schedule on a residential unit and a church. Currently, the monthly rate for churches is a little lower than for a residential unit but in the calculated future rates schedule the monthly charge to a church is greater than the monthly charge to a residential unit. This is because the rate study cost of service analysis assigns greater cost to the churches category in 2019 than it did in 2014. The cost allocation methodology for assigning costs to churches, and all customer categories, was updated following a review of BOD and SS parameters used in fifteen other California communities since 2014.

Figure 20
Bill Impact to a Residential Unit and a Church



Residential monthly wastewater bills are compared in **Figure 21** with other regional wastewater providers. The graph shows that Livingston’s monthly wastewater bill for a home is and will remain in the middle of the range with neighboring and regional cities.

3.5.1 Affordability

The SWRCB also administers the California Clean Water SRF (CWSRF) program and evaluates the affordability of wastewater rates on the same two criteria as water rates.

As shown in **Table 23**, under the calculated wastewater rates for January 2020, a household would pay \$45.93 each month, which is 1.04 percent of the estimated median household income for Livingston. The proposed wastewater rates are, per the SWRCB definitions, affordable.

Figure 21
Comparison of Monthly Residential Wastewater Bills

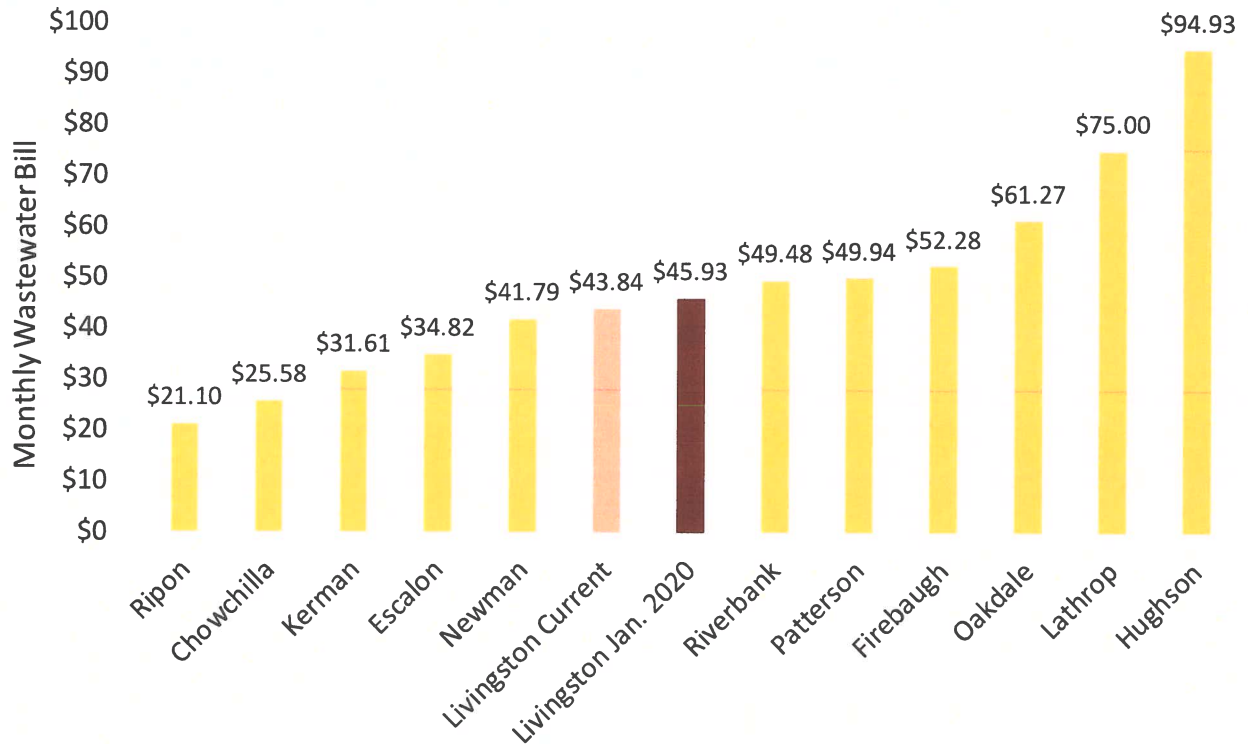


Table 23
Test of Wastewater Bill Affordability

Item	Current Rates	Rates Jan. 2020 [1]
Monthly Water Bill		
Monthly Median Household Income (MHI)	\$4,426.25	\$4,426.25
Monthly Wastewater Bill	\$43.84	\$45.93
Average Monthly Bill as Percentage of MHI [2]	0.99%	1.04%
Median Household Income (MHI)		
Statewide California	\$67,169	
Estimated Livingston [3]	\$53,115	
Livingston MHI as a percentage of the State MHI [4]	79.1%	

Source: HEC, State Water Resources Control Board, and US Census Bureau.

aff

[1] Bills must be greater than or equal to 1.5% of MHI to qualify for Disadvantaged principal forgiveness.

[2] Bills that are 1.5% to 2.0% of MHI are considered affordable.

[3] 2017 5-year American Community Survey.

[4] Per SWRCB, community with an MHI <80% of the Statewide MHI is Disadvantaged. For a Disadvantaged Community to qualify for principal forgiveness must exceed 1.5% of the service area MHI.

3.5.2 Non-Residential Bill Impacts

Figure 22 illustrates the annual impact of the January 2020 rate increase to a randomly selected convenience store and a randomly selected hotel. Figure 23 illustrates the annual impact of the rate increase on the Livingston Middle School and a randomly selected gas station.

Figure 22
Impacts on a Convenience Store and a Hotel

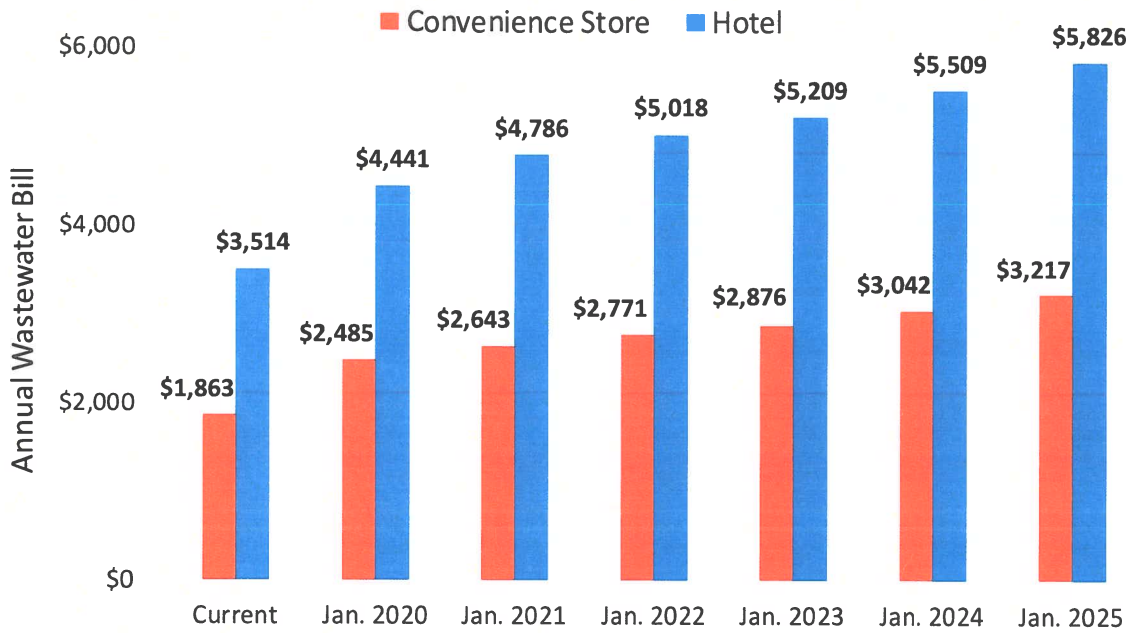
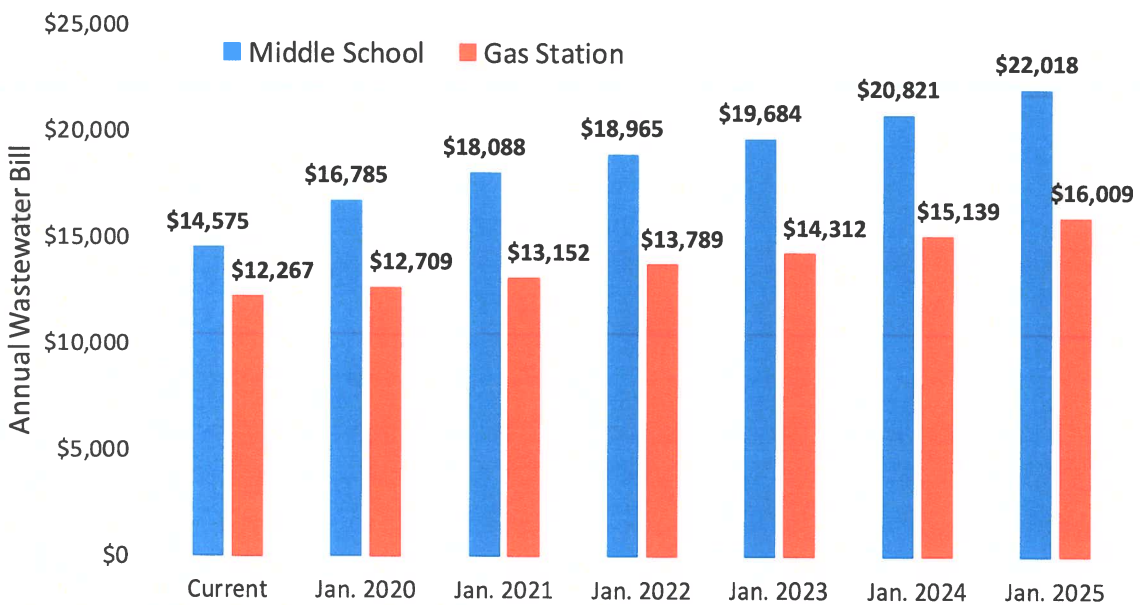


Figure 23
Impacts on a Gas Station and Livingston Middle School



Section 4: SOLID WASTE RATE STUDY

Solid waste service in Livingston is provided by Gilton under an exclusive solid waste collection franchise agreement. The agreement requires solid waste collection at least once a week to all residential customers and more frequently to commercial and industrial customers if needed. The solid waste is disposed at landfills in Merced County.

4.1 THE SOLID WASTE FUND AND ITS CUSTOMERS

The solid waste fund pays for the services provided by Gilton, landfill disposal costs, street sweeping (conducted by City staff, not Gilton), City staff costs to administer and manage both services, and associated City costs.

Historical sanitation fund revenues and expenses are shown in **Table 24**. The fund has been able to cover expenses for each of the past three years. Detail of revenues is provided **Appendix C Table C-1**. Detail of expenses is provided in **Table C-2**.

Table 24
Historical Sanitation Fund Revenues and Expenses

Expenses and Revenues	Fiscal Year Ending		
	2017	2018	2019
	actual	actual	actual
Revenues			
Intergovernmental	\$10,000	\$14,702	\$1,965
Charges for Services	\$1,371,342	\$1,386,815	\$1,417,249
Fines & Forfeitures	\$15,229	\$17,733	\$15,595
Return on Use of Money/Property	\$1,476	\$7,549	\$10,875
Miscellaneous	\$3,487	\$10,019	\$6,061
Subtotal Revenues	\$1,401,534	\$1,436,818	\$1,451,745
Expenses			
Personnel	\$91,307	\$180,716	\$177,295
Disposal Contract Services	\$907,749	\$919,518	\$997,084
Maintenance & Operations	\$97,734	\$75,308	\$91,808
Vehicles, Equip. Improvements	\$788	\$3,791	\$0
Subtotal Expenses	\$1,097,578	\$1,179,333	\$1,266,188
Net Operating Income	\$303,956	\$257,485	\$185,557

Source: City of Livingston financials November 2019.

net

Almost all of the revenues for solid waste provision is generated by monthly user rates. The current rate schedule is shown in **Table 25**. The table shows n/a for services that currently do not have any customers but that Gilton has provided the City a cost for. Current charges for service by Gilton are provided in **Appendix C Table C-3**.

Table 25
Current Sanitation Fund Rates

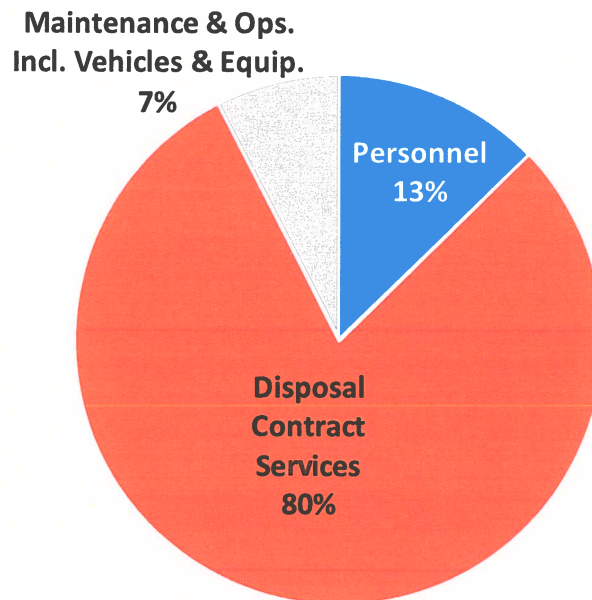
Collections per Week	Current City Rates				
	x1	x2	x3	x4	x5
Residential					
96 gal. cart	\$25.16				
Add'l cart	\$5.97				
96 gal. cart greenwaste	\$1.33				
Add'l greenwaste cart	\$5.97				
Multi-Family & Comm'l					
1 CY	\$47.36	\$93.90	n/a	n/a	n/a
2 CY	\$94.41	\$187.14	n/a	n/a	n/a
3 CY	\$139.86	\$264.56	\$398.63	n/a	n/a
4 CY	\$179.04	\$348.86	\$545.64	n/a	n/a
6 CY	\$251.71	\$490.40	\$750.40	n/a	n/a
Commercial - Compacting Bins					
3 CY	n/a	n/a	n/a	n/a	n/a
4 CY	n/a	n/a	n/a	n/a	n/a
Standard Recycle Bins					
4 CY	\$71.41	n/a	n/a	n/a	n/a
6 CY	\$71.41	n/a	n/a	n/a	n/a

Source: City of Livingston May 2019.

now

The majority of sanitation fund annual expenditures are for the disposal contract with Gilton. **Figure 24** shows that 80% of the total sanitation fund expenses for the last three fiscal years were for the Gilton contract.

Figure 24
Typical Annual Sanitation Fund Expenses



The City provides service to more than 3,000 customers of which 97% are single-family or duplex/triplex/four-plex residential. The projection of customer accounts with a 1.5% growth rate through the five-year rate period is provided in **Appendix Table C-4**.

4.2 REVENUE REQUIREMENT

The projected revenue requirement for the solid waste fund is shown in **Table 26**. The revenue requirement is projected to increase from \$1.23 million in fiscal year 2019 to \$1.83 million by fiscal year ending 2025.

Currently, user fees are greater than the revenue requirement. In fiscal year 2020 the revenue requirement is estimated at \$1.35 million, however, user fees were \$1.42 million in fiscal year 2019 and are expected to be about the same fiscal year 2020. Due to a sufficiency of cash reserves in the sanitation fund, the solid waste user fees do not need to be increased until January 2021.

The rate calculations are based on the user fee increases shown at the bottom of **Table 26**.

Table 26
Projected Revenue Requirement for the Sanitation Fund

Expenses	Inflator	Fiscal Year Ending						
		2019	2020	2021	2022	2023	2024	2025
			Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Operating Expenses								
Personnel	6.0%	\$177,295	\$187,933	\$199,209	\$211,161	\$223,831	\$237,261	\$251,496
Disposal Contract Service [1]	6.5%	\$997,084	\$1,061,895	\$1,130,918	\$1,204,428	\$1,282,716	\$1,366,092	\$1,454,888
Professional Services	3.0%	\$26,240	\$27,027	\$27,838	\$28,673	\$29,533	\$30,419	\$31,332
Computer Support Agreement	2.5%	\$21,136	\$21,665	\$22,206	\$22,761	\$23,331	\$23,914	\$24,512
Equipment and Repairs	3.5%	\$5,050	\$5,227	\$5,410	\$5,599	\$5,795	\$5,998	\$6,208
Insurance	2.5%	\$4,831	\$4,951	\$5,075	\$5,202	\$5,332	\$5,465	\$5,602
Supplies and Other	2.5%	\$34,608	\$35,473	\$36,360	\$37,269	\$38,200	\$39,155	\$40,134
Subtotal Operating Expenses		\$1,266,244	\$1,344,170	\$1,427,015	\$1,515,093	\$1,608,738	\$1,708,304	\$1,814,172
Equipment Purchase [2]	3.5%	\$0	\$40,000	\$41,400	\$42,849	\$44,349	\$45,901	\$47,507
Estimated Annual Costs		\$1,266,244	\$1,384,170	\$1,468,415	\$1,557,942	\$1,653,086	\$1,754,205	\$1,861,679
<i>Disposal Contract Service % of Op. Costs</i>		<i>79%</i>	<i>77%</i>	<i>77%</i>	<i>77%</i>	<i>78%</i>	<i>78%</i>	<i>78%</i>
Credits								
Intergovernmental	estimate	\$1,965	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Fines & Forfeitures	3.0%	\$15,595	\$16,063	\$16,545	\$17,042	\$17,553	\$18,079	\$18,622
Return on Use of Money	estimate	\$10,875	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Miscellaneous	constant	\$6,061	\$6,061	\$6,061	\$6,061	\$6,061	\$6,061	\$6,061
Total Credits		\$34,496	\$32,125	\$32,606	\$33,103	\$33,614	\$34,141	\$34,683
Total Revenue Requirement		\$1,231,748	\$1,352,046	\$1,435,809	\$1,524,839	\$1,619,472	\$1,720,065	\$1,826,996
Increase in User Fees			0.0%	3.5%	4.0%	4.5%	5.0%	5.0%
User Fees		\$1,417,249	\$1,417,249	\$1,466,853	\$1,525,527	\$1,594,176	\$1,673,884	\$1,757,579

Source: City of Livingston September 2019 and HEC.

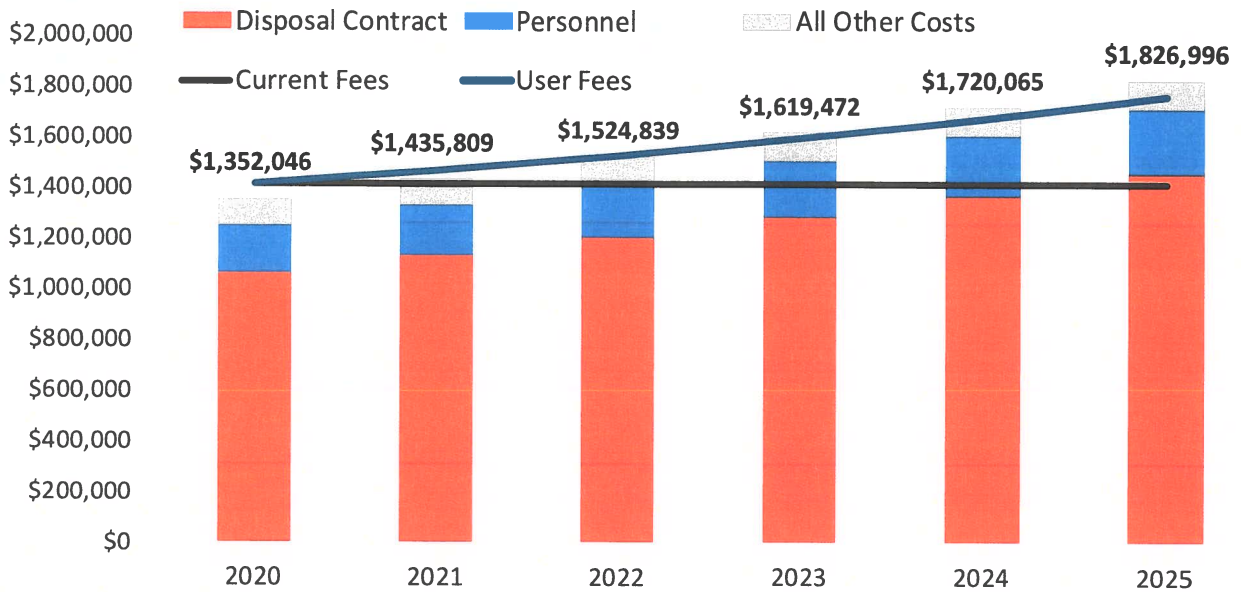
rev req

[1] The disposal contract will increase 3.5% fiscal year 19/20 (per Gilton's request as allowed by contract) for inflation; the model increases costs 6.5% per year to account for inflation, increased Merced County Regional Solid Waste Management Authority costs, and growth in number of customers.

[2] Estimate based on replacement of a street sweeper every five years as well as \$5,000 each year for various equipment needs.

Figure 25 on the following page illustrates the components of revenue requirement in the study period, the amount estimated to be collected in user fees, and the amount currently collected in user fees.

Figure 25
Projected Revenue Requirement and Fee Collections



4.3 SOLID WASTE RATE CALCULATIONS

The cost of service to each customer group is what the Gilton contract cost is plus additional City costs to provide sanitation and street sweeping services. Gilton contract costs are about 80% of total operating costs; however, the City should be collecting annually for capital costs such as replacement of street sweepers and specialized equipment. After accounting for capital replacement and upgrade costs, Gilton rates are about 77% of total annual costs.

The rate calculations are based on total user fees to be raised each year to provide revenue sufficiency for the sanitation fund. The calculated rates are shown in **Table 27**. These rates were calculated based on the Gilton rates plus the City’s service costs. The calculated rates are lower than current rates because the City is currently collecting more in revenue than necessary to pay for the Gilton contract and City costs.

Rather than lower the rates, which runs the risk of insufficient revenue collection in future years, the rates are frozen January 2020 and then gradually increased each year. Under this schedule of rates, as shown in **Table 28** on page 58, the City would draw down on reserves to meet the requirements of SB 1383.

Table 27
Calculated Fiscal Year 2019/20 Rates

Collections per Week	Calculated Rates				
	x1	x2	x3	x4	x5
Residential					
	<i>Gilton Contract as % of Total 77%</i>				
96 gal. cart	\$22.14				
Add'l cart	\$5.84				
96 gal. cart greenwaste	\$1.17				
Add'l greenwaste cart	\$5.84				
Multi-Family & Comm'l					
1 CY	\$41.69	\$82.65	\$123.48	\$164.40	\$205.31
2 CY	\$83.09	\$164.70	\$248.32	\$330.61	\$412.87
3 CY	\$123.10	\$232.84	\$350.86	\$461.65	\$561.64
4 CY	\$157.57	\$307.05	\$480.22	\$587.19	\$703.52
6 CY	\$221.55	\$431.62	\$660.44	\$823.48	\$1,036.58
Organics Bin (New)	\$232.52	\$453.06			
Commercial - Compacting Bins					
3 CY	\$428.09	\$825.01	\$1,651.69	\$1,651.69	\$2,064.60
4 CY	\$543.00	\$1,039.44	\$2,202.23	\$2,202.23	\$2,752.82
Standard Recycle Bins					
4 CY	\$62.84	\$125.69	\$251.40	\$251.40	\$314.23
6 CY	\$62.84	\$125.69	\$251.40	\$251.40	\$314.23

Source: City of Livingston and HEC November 2019.

new

A new service is included in the rate schedule for organics bins. The organics bins will be provided by Gilton to commercial and multi-family customers primarily for food waste services, which is a requirement of Senate Bill (SB) 1383.

**Table 28
Five-Year Schedule of Solid Waste Rates**

Service Type	Current	Fiscal Year Ending					
		2020	2021	2022	2023	2024	2025
	<i>New Rates Effective ---></i>	<i>Jan. 2020</i>	<i>Jan. 2021</i>	<i>Jan. 2022</i>	<i>Jan. 2023</i>	<i>Jan. 2024</i>	<i>Jan. 2025</i>
	<i>Rate Increase ---></i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>
<i>Rates do not include charges for special services that are scheduled between the customer and provider such as off schedule pick up, container maintenance, and delivery charges.</i>							
SINGLE FAMILY RESIDENTIAL		Once per week pickup					
96 gal. cart	\$25.16	\$23.25	\$24.41	\$25.63	\$26.91	\$28.26	\$29.67
Add'l cart	\$5.97	\$6.14	\$6.44	\$6.77	\$7.10	\$7.46	\$7.83
96 gal. cart greenwaste	\$1.33	\$1.23	\$1.29	\$1.35	\$1.42	\$1.49	\$1.57
Add'l greenwaste cart	\$5.97	\$6.14	\$6.44	\$6.77	\$7.10	\$7.46	\$7.83
MULTI-FAMILY & COMMERCIAL		Once per week pickup					
1 cubic yard container	\$47.36	\$43.77	\$45.96	\$48.26	\$50.67	\$53.21	\$55.87
2 cubic yards container	\$94.41	\$87.25	\$91.61	\$96.19	\$101.00	\$106.05	\$111.35
3 cubic yards container	\$139.86	\$129.26	\$135.72	\$142.51	\$149.63	\$157.12	\$164.97
4 cubic yards container	\$179.04	\$165.45	\$173.72	\$182.41	\$191.53	\$201.11	\$211.16
6 cubic yards container	\$251.71	\$232.62	\$244.25	\$256.47	\$269.29	\$282.75	\$296.89
Organics Bin (New)		\$65.99	\$69.29	\$72.75	\$76.39	\$80.21	\$84.22
Recycle Bins							
4 & 6 cubic yard containers	\$71.41	\$65.99	\$69.29	\$72.75	\$76.39	\$80.21	\$84.22
Commercial Compacting							
3 cubic yards container	n/a	\$449.50	\$471.97	\$495.57	\$520.35	\$546.36	\$573.68
4 cubic yards container	n/a	\$570.15	\$598.66	\$628.59	\$660.02	\$693.02	\$727.67
MULTI-FAMILY & COMMERCIAL		Twice per week pickup					
1 cubic yard container	\$93.90	\$103.52	\$108.70	\$114.14	\$119.84	\$125.83	\$132.13
2 cubic yards container	\$187.14	\$206.32	\$216.64	\$227.47	\$238.84	\$250.79	\$263.32
3 cubic yards container	\$264.56	\$291.68	\$306.26	\$321.57	\$337.65	\$354.54	\$372.26
4 cubic yards container	\$348.86	\$384.62	\$403.85	\$424.04	\$445.24	\$467.51	\$490.88
6 cubic yards container	\$490.40	\$540.67	\$567.70	\$596.08	\$625.89	\$657.18	\$690.04
Organic Bins (New)	n/a	\$131.97	\$138.57	\$145.50	\$152.77	\$160.41	\$168.43
Recycle Bins							
4 & 6 cubic yard containers	n/a	\$131.97	\$138.57	\$145.50	\$152.77	\$160.41	\$168.43
Commercial Compacting							
3 cubic yards container	n/a	\$866.26	\$909.58	\$955.06	\$1,002.81	\$1,052.95	\$1,105.60
4 cubic yards container	n/a	\$1,091.41	\$1,145.98	\$1,203.28	\$1,263.45	\$1,326.62	\$1,392.95
MULTI-FAMILY & COMMERCIAL		Three times per week pickup					
1 cubic yard container	n/a	\$147.32	\$154.69	\$162.42	\$170.54	\$179.07	\$188.02
2 cubic yards container	n/a	\$296.27	\$311.08	\$326.64	\$342.97	\$360.12	\$378.12
3 cubic yards container	\$398.63	\$439.49	\$461.46	\$484.54	\$508.76	\$534.20	\$560.91
4 cubic yards container	\$545.64	\$601.57	\$631.65	\$663.23	\$696.39	\$731.21	\$767.77
6 cubic yards container	\$750.40	\$827.32	\$868.68	\$912.12	\$957.72	\$1,005.61	\$1,055.89
Recycle Bins							
4 & 6 cubic yard containers	n/a	\$263.97	\$277.17	\$291.03	\$305.58	\$320.86	\$336.90
Commercial Compacting							
3 cubic yards container	n/a	\$1,734.27	\$1,820.99	\$1,912.04	\$2,007.64	\$2,108.02	\$2,213.42
4 cubic yards container	n/a	\$2,312.35	\$2,427.96	\$2,549.36	\$2,676.83	\$2,810.67	\$2,951.20

Source: City of Livingston and HEC.

sum

Table 29 shows the amount of revenue estimated to be generated by each customer group in fiscal year 2019/20 with current rates frozen. The total revenue estimate is slightly lower than actually realized in fiscal year 2019 because approximately \$125,000 is collected not from monthly rates but from additional services that are specially requested by customers such as off-schedule pickups.

Table 29
Estimated Revenue Fiscal Year 2019/20

Customer	% of Revenue	Total Revenue	Projected Revenue in FY 2020		
			x1	x2	x3
Residential					
96 gal. cart	72.02%	\$930,517	\$930,517		
Add'l cart	1.57%	\$20,346	\$20,346		
96 gal. cart greenwaste	3.77%	\$48,758	\$48,758		
Add'l greenwaste cart	0.04%	\$501	\$501		
Multi-Family & Comm'l					
1 CY	0.31%	\$3,978	\$3,978	\$0	\$0
2 CY	2.54%	\$32,835	\$30,589	\$2,246	\$0
3 CY	2.67%	\$34,517	\$21,818	\$12,699	\$0
4 CY	9.25%	\$119,498	\$36,524	\$50,236	\$32,738
6 CY	7.83%	\$101,121	\$21,144	\$52,963	\$27,014
TOTAL	100.00%	\$1,292,072	\$1,114,176	\$118,144	\$59,753

Source: City of Livingston and HEC November 2019.

2020

Table 30 on the next page shows total revenue estimated through the five-year period. Due to estimated growth in number of customers, revenue generation is greater than required in **Table 26**. While customers will be required to use the organics bins, the number of customers in this rate category is not known at this time; therefore, no revenue from this category has been included in the projection.

Table 30
Projected Sanitation Fund Revenue

Customer Type	2019	Annual Revenue with Growth in Number of Services					
		2020	2021	2022	2023	2024	2025
Residential							
96 gal. cart	\$930,517	\$930,517	\$977,532	\$1,031,883	\$1,094,492	\$1,166,455	\$1,243,149
Add'l cart	\$20,346	\$20,346	\$21,374	\$22,562	\$23,931	\$25,505	\$27,181
96 gal. cart greenwaste	\$48,758	\$48,758	\$51,221	\$54,069	\$57,350	\$61,121	\$65,139
Add'l greenwaste cart	\$501	\$501	\$527	\$556	\$590	\$629	\$670
Multi-Family & Comm'l - 1x / Week							
1 CY	\$3,978	\$3,978	\$4,179	\$4,412	\$4,679	\$4,987	\$5,315
2 CY	\$30,589	\$30,589	\$32,134	\$33,921	\$35,979	\$38,345	\$40,866
3 CY	\$21,818	\$21,818	\$22,921	\$24,195	\$25,663	\$27,350	\$29,149
4 CY	\$36,524	\$36,524	\$38,370	\$40,503	\$42,960	\$45,785	\$48,795
6 CY	\$21,144	\$21,144	\$22,212	\$23,447	\$24,870	\$26,505	\$28,247
Multi-Family & Comm'l - 2x/Week							
1 CY	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 CY	\$2,246	\$2,246	\$2,359	\$2,490	\$2,641	\$2,815	\$3,000
3 CY	\$12,699	\$12,699	\$13,340	\$14,082	\$14,937	\$15,919	\$16,965
4 CY	\$50,236	\$50,236	\$52,774	\$55,708	\$59,088	\$62,973	\$67,114
6 CY	\$52,963	\$52,963	\$55,639	\$58,733	\$62,296	\$66,392	\$70,758
Multi-Family & Comm'l - 3x/Week							
1 CY	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 CY	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3 CY	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4 CY	\$32,738	\$32,738	\$34,393	\$36,305	\$38,508	\$41,039	\$43,738
6 CY	\$27,014	\$27,014	\$28,379	\$29,957	\$31,775	\$33,864	\$36,091
TOTAL	\$1,292,072	\$1,292,072	\$1,357,354	\$1,432,823	\$1,519,759	\$1,619,683	\$1,726,178
Other Services [1]	\$125,177	\$125,177	\$131,502	\$138,813	\$147,236	\$156,917	\$167,234
Total Estimated Revenue	\$1,417,249	\$1,417,249	\$1,488,856	\$1,571,636	\$1,666,995	\$1,776,600	\$1,893,411

Source: City of Livingston and HEC May 2019.

rev proj

[1] Includes off schedule pick up, container maintenance, and delivery charges

4.4 CASH FLOW AND FUND BALANCE

The projected sanitation fund cash flow is provided in **Table 31**. It is projected that the City could fund all anticipated operations costs and new costs associated with SB 1383 while maintaining at least four months of operating expenses in the fund. Included in the cost projection is \$100,000 per year in 2019 dollars to pay for the anticipated costs of implementing SB 1383. Anticipated costs include legal, education, outreach, software, enforcement and inspection costs. It is likely that the City will need to hire a recycling coordinator. Until the State has issued all the requirements of compliance this should be considered a “best estimate” of SB 1383 compliance costs.

Table 31
Sanitation Fund Projected Cash Flow

Revenues and Expenses	Fiscal Year Ending					
	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Operating Revenues						
User Fees	\$1,417,249	\$1,447,085	\$1,523,347	\$1,611,369	\$1,712,664	\$1,825,271
Intergovernmental	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Fines & Forfeitures	\$16,063	\$16,545	\$17,042	\$17,553	\$18,079	\$18,622
Return on Use of Money	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Miscellaneous	\$6,061	\$6,061	\$6,061	\$6,061	\$6,061	\$6,061
Total Operating Revenues	\$1,449,374	\$1,479,692	\$1,556,450	\$1,644,983	\$1,746,804	\$1,859,954
Operating Expenses						
Contract Disposal Service	\$1,061,895	\$1,130,918	\$1,204,428	\$1,282,716	\$1,366,092	\$1,454,888
All Other	\$273,046	\$286,361	\$300,393	\$315,183	\$330,773	\$347,210
Total Operating Expenses	\$1,334,941	\$1,417,279	\$1,504,821	\$1,597,898	\$1,696,865	\$1,802,098
Equipment Purchase	\$40,000	\$41,400	\$42,849	\$44,349	\$45,901	\$47,507
Net Revenues (Deficit)	\$74,433	\$21,013	\$8,781	\$2,736	\$4,038	\$10,349
Beginning Cash Balance [1]	\$1,043,552	\$1,117,985	\$1,035,998	\$938,173	\$830,573	\$720,414
Net Revenues (Deficit)	\$74,433	\$21,013	\$8,781	\$2,736	\$4,038	\$10,349
Enhanced Services [2]		(\$103,000)	(\$106,605)	(\$110,336)	(\$114,198)	(\$118,195)
Ending Cash Balance	\$1,117,985	\$1,035,998	\$938,173	\$830,573	\$720,414	\$612,567
Target Minimum Cash [3]	\$444,980	\$472,426	\$501,607	\$532,633	\$565,622	\$600,699

Source: City of Livingston September 2019 and HEC.

flow

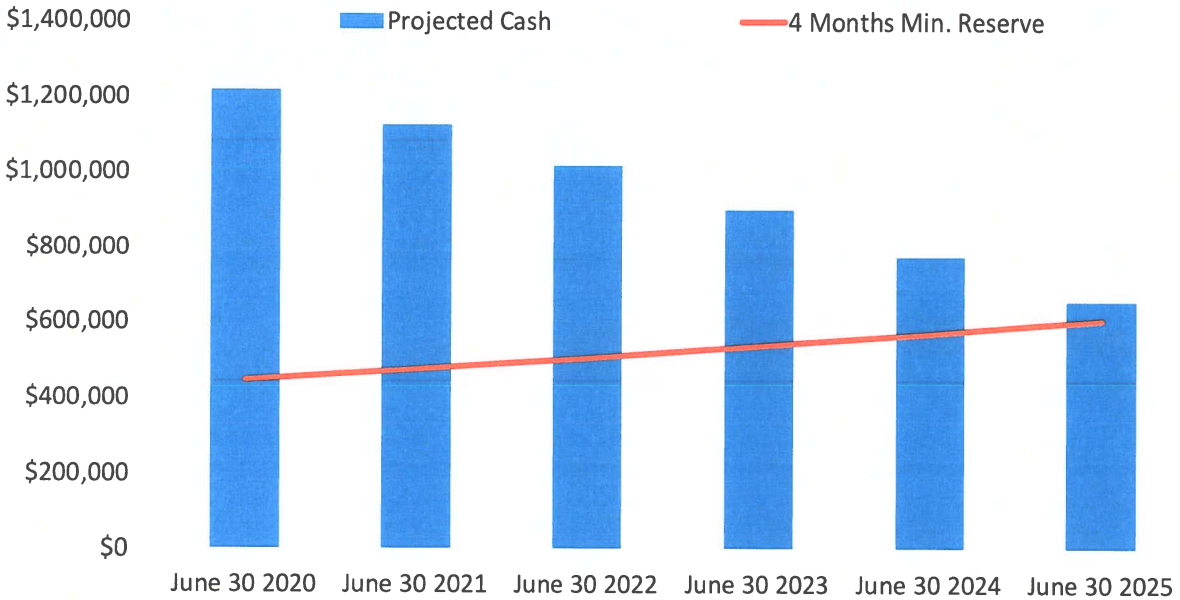
[1] Cash and cash equivalents; not necessarily the same as fund balance.

[2] Enhanced services costs increased 3.5% per year.

[3] Target minimum cash is 4 months of expenditures.

The projected ending fiscal year cash balances are illustrated in **Figure 26** on the next page.

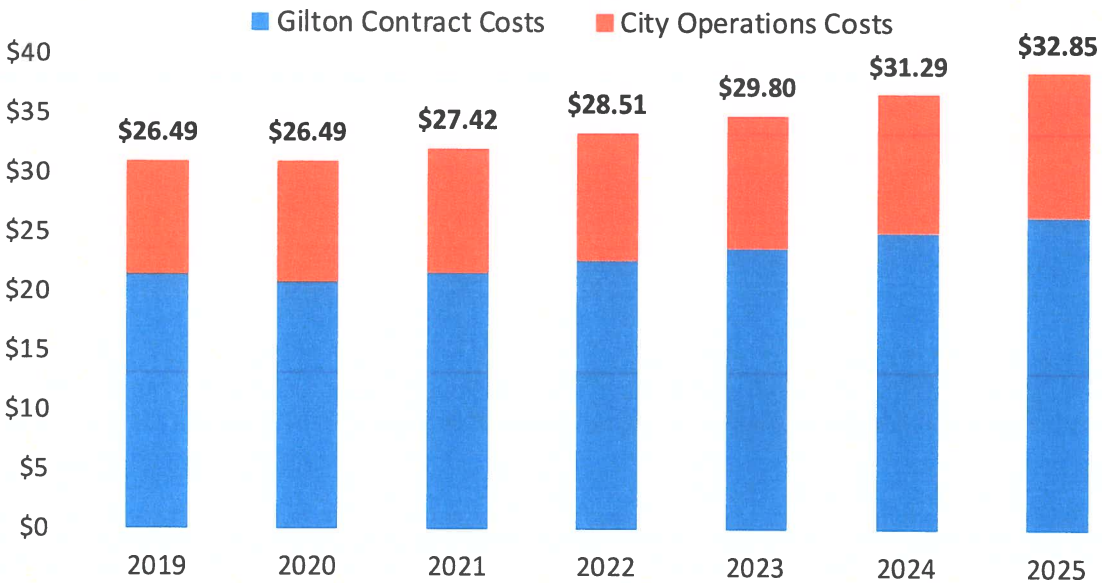
Figure 26
Projected Cash Flow and Fund Balance



4.5 BILL IMPACTS

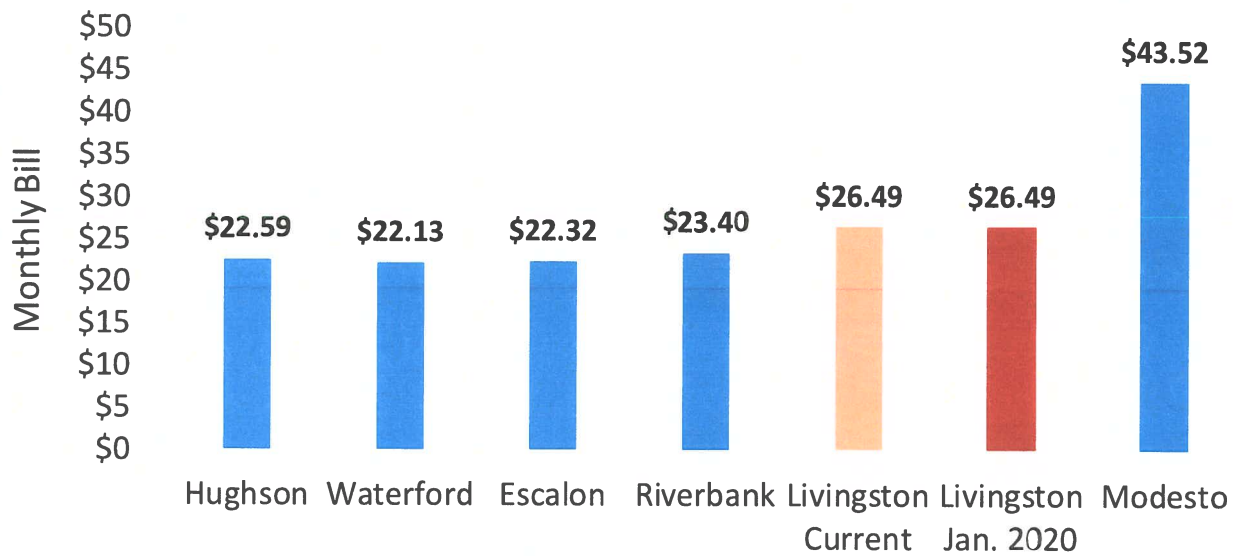
The projected five-year bill impacts for a single family home are shown in **Figure 27**. The monthly sanitation bill would increase from \$26.49 to \$32.85 over the five-year period.

Figure 27
Single Family Home Projected Bill Impact



In **Figure 28**, Livingston’s two-can monthly rate is compared with Modesto, Riverbank, Escalon, Waterford, and Hughson, all of which contract with Gilton for service provision. The rates for all comparison communities include two cans (one for recycle items) although not all can sizes are the same and additional cans cost more in most other communities than in Livingston.

Figure 28
Comparison of Single Family Solid Waste Monthly Bills



APPENDIX A

WATER RATE STUDY SUPPORT TABLES

Table A-1
City of Livingston 2019 Water Rates Update
Historical Water Fund Revenues

DRAFT

Revenues	Fiscal Year Ending		
	2017 actual	2018 actual	2019 actual
Intergovernmental Revenue	\$0	\$68,868	(\$3,035)
Charges for Services			
User Fees	\$3,305,476	\$3,360,495	\$3,592,366
Connection Fees	\$0	\$25	\$0
Meter Installation	\$0	\$75,563	\$51,718
Meter Replacement Fees	\$142,204	\$148,077	\$158,192
Subtotal Charges for Services	\$3,447,680	\$3,584,161	\$3,802,276
Fines & Forfeitures	\$21,204	\$37,322	\$17,980
Interest Income	\$4,427	\$26,788	\$48,768
Miscellaneous Revenue	\$10,916	\$19,794	\$7,959
Total Revenues	\$3,484,226	\$3,736,933	\$3,873,948

Source: City of Livingston financials provided September 2019.

revs

Table A-2
City of Livingston 2019 Water Rates Update
Historical Water Fund Expenses

DRAFT

Expenses	Fiscal Year Ending		
	2017 actual	2018 actual	2019 actual
Personnel			
Salaries	\$302,942	\$348,123	\$399,090
Benefits	\$131,034	\$326,910	\$324,283
Medical	\$0	\$99	\$0
Uniforms	\$2,641	\$3,956	\$2,725
Subtotal Personnel	\$436,617	\$679,088	\$726,097
Maintenance and Operations			
Professional Services	\$67,097	\$12,795	\$9,632
Contract Services	\$137,619	\$117,483	\$110,320
Reg. Tuition Training	\$1,521	\$1,503	\$3,200
City Audit	\$7,501	\$7,600	\$7,600
Computer Support Agreements	\$24,764	\$38,631	\$28,947
Water Storage Tanks O&M	\$0	\$7,940	\$3,348
Water Wells O&M	\$330,266	\$140,513	\$284,608
Distribution O&M	\$60,431	\$33,708	\$60,746
Utilities	\$556,957	\$600,424	\$560,431
Vehicle O&M	\$18,623	\$35,258	\$19,981
Equipment O&M	\$5,625	\$3,962	\$6,855
Facilities O&M	\$7,427	\$3,306	\$5,977
Insurance	\$40,569	\$36,274	\$36,682
CommCell Phones	\$5,368	\$8,175	\$6,638
Advertisement	\$1,374	\$1,073	\$2,786
Printing	\$3,246	\$3,212	\$3,375
Bank Service Fees	\$5,176	\$6,467	\$7,496
Travel	\$1,966	\$992	\$3,166
Small Tools & Equip.	\$6,300	\$11,411	\$8,953
Office Supplies	\$3,220	\$2,540	\$2,679
Postage	\$8,453	\$7,627	\$8,105
Miscellaneous	\$1,178	\$1,270	(\$8,272)
Books/Subscriptions	\$0	\$66	\$397
Dues/Memberships	\$23,107	\$22,549	\$19,816
Reimbursements/Refunds	\$0	\$0	\$1,017
SGMA Compliance Contrib.	\$0	\$0	\$0
Water Meter Purchase	\$0	\$2,858	\$0
Water Hydrant Maint.	\$288	\$0	\$0
System Rehabilitation	(\$8,500)	\$0	\$0
Subtotal Maintenance and Operations	\$1,309,576	\$1,107,636	\$1,194,483
Projects			
Infrastructure	\$0	\$0	\$72,966
Water Tank Rehab.	\$0	\$0	\$477,935
New Well #8	\$0	\$0	\$10,094
Subtotal Projects	\$0	\$0	\$560,996
Vehicles, Equip. & Improvements			
Equipment Purchase	\$34,280	\$11,872	\$27,130
Vehicle Purchase	\$0	\$0	\$38,229
Meter Replacement	\$76,118	\$133,057	\$36,295
Furniture	\$0	\$498	\$0
Subtotal Vehicles, Equip. & Improvements	\$110,399	\$145,427	\$101,655
Total Expenses excl. Debt Service	\$1,856,591	\$1,932,151	\$2,583,231
Transfers Out	\$0	\$1,773,333	\$0
Debt Service	\$11,812	\$20,348	\$78,778

Source: City of Livingston financials provided September 2019.

exps

Table A-3
City of Livingston 2019 Water Rates Update

Historical Consumption

DRAFT

Year	Water Used
	gallons
2013	2,372,789,000
2014	2,388,570,000
2015	2,101,135,349
2016	2,096,915,212
2017	2,074,911,951
2018	2,254,177,000
Average	2,214,749,752
Average last 3 Years	2,142,001,388

Source: City of Livingston September 2019.

hist use

Table A-4
City of Livingston 2019 Water Rates Update

DRAFT

Well Production

Month	Calendar Year			Annual Average	% Delivery by Month
	2016	2017	2018		
<i>All Figures in Gallons</i>					
Jan	149,052,000	160,517,162	149,314,098	152,961,087	7.1%
Feb	134,313,000	132,900,237	139,437,808	135,550,348	6.3%
Mar	160,004,000	157,806,860	142,435,778	153,415,546	7.1%
Apr	174,700,000	144,083,799	165,066,889	161,283,563	7.5%
May	194,107,000	189,298,693	208,602,845	197,336,179	9.2%
Jun	219,983,000	178,863,153	221,974,266	206,940,140	9.6%
Jul	235,689,000	197,205,625	267,180,750	233,358,458	10.9%
Aug	223,396,000	215,617,627	231,995,178	223,669,602	10.4%
Sep	202,670,000	188,491,756	199,879,868	197,013,875	9.2%
Oct	194,270,000	192,171,330	187,961,790	191,467,707	8.9%
Nov	150,548,912	145,490,025	148,353,782	148,130,906	6.9%
Dec	152,557,513	135,045,974	150,523,769	146,042,419	6.8%
Total	2,191,290,425	2,037,492,241	2,212,726,821	A 2,147,169,829	100.0%
Peaking Period (May through October inclusive)				B 1,249,785,960	58%
Base Monthly Flow				C 149,563,978	
Base Annual Flow				D = C*12 1,794,767,737	84%
Additional Flow				E = A-D 352,402,092	16%

Source: City of Livingston May 2019.

wells

Table A-5
 City of Livingston 2019 Water Rates Update
 Estimated Water Capital Improvement Plan Costs

DRAFT

Water Project	Funding Source	Fiscal Year Ending					
		2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Water CIP Projects							
Well 8 - New Well	Reserves		\$1,000,000				
Well 9 - New Well	Reserves	\$1,200,000					
Well 11 - New Well	Foster Farms	\$1,200,000					
Well 12 Conveyance & Treatment	Reserves					\$1,720,000	
Well 8 & 9 Conveyance & Treatment Plant	SRF Loan		\$3,375,000				
	Connection Fees		\$1,125,000				
Well 14 & 16 Conveyance & Treatment Plant - <i>secured loan</i>	SRF Loan	\$4,000,000					
Well 13 & 17 Conveyance, Treatment Plant & Storage Tank	SRF Loan		\$6,375,000				
	Connection Fees		\$2,125,000				
Water Line Replacement Ph 4 (Walnut, Davis, White, N Main)	Reserves			\$1,331,320			
Park Surface Water Irrigation	Reserves		\$187,381				
	Grant		\$172,619				
Server Upgrades	Reserves	\$25,000					
Total Estimated Water Improvements Cost		\$6,425,000	\$14,360,000	\$1,331,320	\$0	\$1,720,000	\$0
Funding Sources							
SRF Loan		\$4,000,000	\$9,750,000	\$0	\$0	\$0	\$0
Reserves		\$1,225,000	\$1,187,381	\$1,331,320	\$0	\$1,720,000	\$0
Connection Fees		\$0	\$3,250,000	\$0	\$0	\$0	\$0
Grant		\$0	\$172,619	\$0	\$0	\$0	\$0
Foster Farms		\$1,200,000	\$0	\$0	\$0	\$0	\$0
Total Funding		\$6,425,000	\$14,360,000	\$1,331,320	\$0	\$1,720,000	\$0
Estimated New O&M Costs from CIP Projects							
Well 8 & 9 GAC		\$200,000		\$200,000		\$200,000	
Well 13 & 17 GAC			\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Well 13 Green Sand		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Well 14 & 16 GAC			\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Well 16 Green Sand		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Well 17 Green Sand		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Bulk Chemicals - Wells		\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000
Estimated New Media & Chemicals Cost		\$295,000	\$95,000	\$495,000	\$95,000	\$695,000	\$95,000

Source: City of Livingston November 2019.

clip

Table A-6
City of Livingston 2019 Water Rates Update
Inflated CIP

DRAFT

Water Project	Funding Source	TOTAL	Fiscal Year Ending					
			2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Water CIP Projects								
Well 8 - New Well	Reserves	\$1,030,000	\$0	\$1,030,000	\$0	\$0	\$0	\$0
Well 9 - New Well	Reserves	\$1,200,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0
Well 11 - New Well	Foster Farms	\$1,200,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0
Well 12 Conveyance & Treatment	Reserves	\$1,935,875	\$0	\$0	\$0	\$0	\$1,935,875	\$0
Well 8 & 9 Conveyance & Treatment Plant	SRF Loan	\$4,635,000	\$0	\$4,635,000	\$0	\$0	\$0	\$0
Well 14 & 16 Conveyance & Treatment Plant - secured loan	SRF Loan	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0
Well 13 & 17 Conveyance, Treatment Plant & Storage Tank	SRF Loan	\$8,755,000	\$0	\$8,755,000	\$0	\$0	\$0	\$0
Water Line Replacement Ph 4 (Walnut, Davis, White, N Main)	Reserves	\$1,412,397	\$0	\$0	\$1,412,397	\$0	\$0	\$0
Park Surface Water Irrigation	Reserves	\$370,800	\$0	\$370,800	\$0	\$0	\$0	\$0
Server Upgrades	Reserves	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$0
Total Estimated Water Improvements Cost		\$24,564,073	\$6,425,000	\$14,790,800	\$1,412,397	\$0	\$1,935,875	\$0
Funding Sources								
SRF Loan		\$14,042,500	\$4,000,000	\$10,042,500	\$0	\$0	\$0	\$0
Reserves		\$5,796,275	\$1,225,000	\$1,223,002	\$1,412,397	\$0	\$1,935,875	\$0
Connection Fees		\$3,347,500	\$0	\$3,347,500	\$0	\$0	\$0	\$0
Grant		\$177,798	\$0	\$177,798	\$0	\$0	\$0	\$0
Foster Farms		\$1,200,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0
Total Funding		\$24,564,073	\$6,425,000	\$14,790,800	\$1,412,397	\$0	\$1,935,875	\$0
Estimated New O&M Costs from CIP Projects								
Well 8 & 9 GAC		\$200,000	\$0	\$0	\$212,180	\$0	\$225,102	\$0
Well 13 & 17 GAC		\$0	\$0	\$0	\$0	\$0	\$225,102	\$0
Well 13 Green Sand		\$10,000	\$10,300	\$10,609	\$10,927	\$11,255	\$11,593	\$11,593
Well 14 & 16 GAC		\$0	\$0	\$212,180	\$0	\$225,102	\$0	\$0
Well 16 Green Sand		\$10,000	\$10,300	\$10,609	\$10,927	\$11,255	\$11,593	\$11,593
Well 17 Green Sand		\$10,000	\$10,300	\$10,609	\$10,927	\$11,255	\$11,593	\$11,593
Bulk Chemicals - Wells		\$65,000	\$66,950	\$68,959	\$71,027	\$73,158	\$75,353	\$75,353
Estimated New Media & Chemicals Cost		\$295,000	\$97,850	\$525,146	\$103,809	\$782,229	\$110,131	\$110,131

Source: City of Livingston November 2019.

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Table A-7
City of Livingston 2019 Water Rates Update
SRF Financing Agreement for Well 13

DRAFT

Fiscal Year				
Ending	Principal	Interest	Total Payment	Ending Balance
<i>Term</i>	<i>20 years</i>		<i>Completed Project</i>	
<i>Interest Rate</i>	<i>1.6%</i>			\$1,353,245
2017	\$66,967	\$11,811	\$78,778	\$1,286,278
2018	\$58,430	\$20,348	\$78,778	\$1,227,848
2019	\$59,369	\$19,409	\$78,778	\$1,168,479
2020	\$60,323	\$18,455	\$78,778	\$1,108,156
2021	\$61,292	\$17,486	\$78,778	\$1,046,864
2022	\$62,276	\$16,502	\$78,778	\$984,588
2023	\$63,277	\$15,501	\$78,778	\$921,311
2024	\$64,293	\$14,485	\$78,778	\$857,018
2025	\$65,326	\$13,452	\$78,778	\$791,692
2026	\$66,375	\$12,403	\$78,778	\$725,317
2027	\$67,442	\$11,336	\$78,778	\$657,875
2028	\$68,525	\$10,253	\$78,778	\$589,350
2029	\$69,626	\$9,152	\$78,778	\$519,724
2030	\$70,744	\$8,034	\$78,778	\$448,980
2031	\$71,881	\$6,897	\$78,778	\$377,099
2032	\$73,035	\$5,743	\$78,778	\$304,064
2033	\$74,209	\$4,569	\$78,778	\$229,855
2034	\$75,401	\$3,377	\$78,778	\$154,455
2035	\$76,612	\$2,166	\$78,778	\$77,843
2036	\$77,843	\$935	\$78,778	(\$0)
TOTAL	\$1,353,245	\$222,315	\$1,575,560	

Source: SRF Financing Agreement D15-02037 Exhibit C.

srf other

Table A-8
City of Livingston 2019 Water Rates Update
SRF Financing Agreement for Wells 14 & 16

DRAFT

Fiscal Year				
Ending	Principal	Interest	Total Payment	Ending Balance
<i>Term</i>	<i>30 years</i>			<i>Est. Construction Completion:</i>
<i>Interest Rate</i>	<i>1.8%</i>			<i>7/1/2020</i>
2020	\$0	\$60,758	\$47,358	\$3,224,618
2021	\$105,048	\$67,942	\$172,989	\$3,894,952
2022	\$103,343	\$69,646	\$172,989	\$3,971,609
2023	\$105,212	\$67,778	\$172,989	\$3,686,398
2024	\$107,114	\$65,875	\$172,989	\$3,579,284
2025	\$109,051	\$63,939	\$172,989	\$3,470,233
2026	\$111,022	\$61,967	\$172,989	\$3,359,211
2027	\$113,030	\$59,959	\$172,989	\$3,246,181
2028	\$115,074	\$57,916	\$172,989	\$3,131,107
2029	\$117,154	\$55,835	\$172,989	\$3,013,953
2030	\$119,272	\$53,717	\$172,989	\$2,894,681
2031	\$121,429	\$51,560	\$172,989	\$2,773,252
2032	\$123,625	\$49,365	\$172,989	\$2,649,627
2033	\$125,860	\$47,129	\$172,989	\$2,523,767
2034	\$128,136	\$44,854	\$172,989	\$2,395,632
2035	\$130,452	\$42,537	\$172,989	\$2,265,179
2036	\$132,811	\$40,178	\$172,989	\$2,132,368
2037	\$135,212	\$37,777	\$172,989	\$1,997,156
2038	\$137,657	\$35,332	\$172,989	\$1,859,499
2039	\$140,146	\$32,843	\$172,989	\$1,719,353
2040	\$142,680	\$30,309	\$172,989	\$1,576,672
2041	\$145,260	\$27,729	\$172,989	\$1,431,412
2042	\$147,886	\$25,103	\$172,989	\$1,283,526
2043	\$150,560	\$22,429	\$172,989	\$1,132,966
2044	\$153,283	\$19,707	\$172,989	\$979,683
2045	\$156,054	\$16,935	\$172,989	\$823,629
2046	\$158,876	\$14,114	\$172,989	\$664,753
2047	\$161,748	\$11,241	\$172,989	\$503,005
2048	\$164,673	\$8,316	\$172,989	\$338,332
2049	\$167,650	\$5,339	\$172,989	\$170,682
2050	\$170,682	\$2,308	\$172,989	\$0
TOTAL	\$4,000,000	\$1,250,437	\$5,237,037	

Source: SRF Financing Agreement D18-02003 Exhibit C.

srf 4M

Table A-9
City of Livingston 2019 Water Rates Update

Estimated New SRF Debt

DRAFT

Item	Well 8 & 9 Conveyance & Treatment Plant	Well 13 & 17 Conveyance, Treatment Plant & Storage Tank
<i>Estimated Completion Date</i>	<i>2/1/2021</i>	<i>2/1/2021</i>
Construction Proceeds	\$4,635,000	\$8,755,000
Estimated Annual Debt Service	\$221,500	\$418,300
Operations Fund	\$166,125	\$313,725
Capital Fund	\$55,375	\$104,575
Total Payments	\$6,645,000	\$12,549,000
Estimated Total Financing Costs	\$2,010,000	\$3,794,000
DWSRF loan assumptions:		
Interest Rate [1]	2.5000%	2.5000%
Term (years)	30	30

Source: City of Livingston and HEC.

new debt

[1] In 2019 the interest rate is 1.9%. The interest rate fluctuates year to year.

Table A-10

City of Livingston 2019 Water Rates Update

Meter Replacement Fee Calculation

DRAFT

Item	Assumption / Total	Meter Size							
		1"	1-1/2"	2"	3"	4"	6"	8"	10"
New Meter with Transponder [1]		\$235	\$554	\$1,058	\$1,320	\$3,125	\$5,400	\$8,805	\$11,363
Installation Costs [2]	25%	\$59	\$139	\$265	\$330	\$781	\$1,350	\$2,201	\$2,841
New Technology Fee [3]	25%	\$73	\$173	\$331	\$413	\$977	\$1,688	\$2,752	\$3,551
Administration Costs	5%	\$18	\$43	\$83	\$103	\$244	\$422	\$688	\$888
Total Cost per Meter		\$386	\$909	\$1,736	\$2,166	\$5,127	\$8,859	\$14,446	\$18,642
Total Number of Meters	3,332	3,220	12	72	11	13	3	0	1
Meter Cost Replacement		\$1,513,037	\$10,907	\$124,976	\$23,822	\$66,650	\$26,578	\$0	\$18,642
Replacement Interval (years)		10	10	10	10	10	10	10	10
Cost per Meter per Year		\$39	\$91	\$174	\$217	\$513	\$886	\$1,445	\$1,864
Monthly Cost per Meter		\$3.21	\$7.57	\$14.46	\$18.05	\$42.72	\$73.83	\$120.38	\$155.35
Updated Annual Fee Revenue		\$151,304	\$1,091	\$12,498	\$2,382	\$6,665	\$2,658	\$0	\$1,864

Source: City of Livingston and HEC.

[1] Prices from City's meter vendor, May 2019.

[2] Actual installation costs vary by meter size as a percentage of meter cost.

[3] Estimated costs to keep meters up to date with new technology.

meter prog

Table A-11

City of Livingston 2019 Water Rates Update

Estimated Meter Replacement Fee Program Revenue

DRAFT

Item	Fiscal Year Ending					
	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Projected New 1" or less Meters	0	25	25	25	25	25
Projected City Water Meters	3,332	3,357	3,382	3,407	3,432	3,457
Current Revenue Inflated	\$151,304	\$155,843	\$160,518	\$165,334	\$170,294	\$175,402
New Growth Revenue	\$0	\$993	\$1,023	\$1,053	\$1,085	\$1,117
Estimated Meter Replacement Fee Revenue	\$151,304	\$156,836	\$161,541	\$166,387	\$171,378	\$176,520

Source: City of Livingston and HEC.

meter rev

Table A-12
City of Livingston 2019 Water Rates Update
Functional Allocation of Plant In Service

DRAFT

Plant in Service	Customer	Capacity	Commodity (Use)	Total Cost	Customer	Capacity	Commodity (Use)
Pumps		80%	20%	\$159,869	\$0	\$127,895	\$31,974
Water Lines		80%	20%	\$5,833,669	\$0	\$4,666,936	\$1,166,734
Wells		80%	20%	\$7,947,079	\$0	\$6,357,663	\$1,589,416
Tanks		80%	20%	\$833,822	\$0	\$667,058	\$166,764
Equipment	45%	30%	25%	\$280,794	\$126,357	\$84,238	\$70,198
General	15%	85%		\$556,209	\$83,431	\$472,777	\$0
Total Plant in Service				\$15,611,442	\$209,789	\$12,376,567	\$3,025,086
Percentage of Plant in Service				100%	1%	79%	19%

Source: City of Livingston May 2019 and HEC.

plant

Table A-13
City of Livingston 2019 Water Rates Update
Functional Allocation of Operating Costs

DRAFT

Expenditures	ACTUAL FY 2018-19	Allocation Basis	Fixed Costs		Variable Cost	
			Customer	Capacity	Commodity (Use)	Unclassified
Personnel	\$726,097	Avg. of Classified	0%	0%	0%	100%
Professional Services	\$9,632	Avg. of Classified	0%	0%	0%	100%
Contract Services	\$110,320	Avg. of Classified	0%	0%	0%	100%
Reg. Tuition Training	\$3,200	Avg. of Classified	0%	0%	0%	100%
City Audit	\$7,600	Avg. of Classified	0%	0%	0%	100%
Computer Support Agreements	\$28,947	Avg. of Classified	0%	0%	0%	100%
Water Storage Tanks O&M	\$3,348	Ratio Avg. to Peak Month	84%	0%	16%	0%
Water Wells O&M	\$284,608	Ratio Avg. to Peak Month	84%	0%	16%	0%
Distribution O&M	\$60,746	Ratio Avg. to Peak Month	84%	0%	16%	0%
Utilities	\$560,431	Utilities	0%	0%	100%	0%
Vehicle O&M	\$19,981	Plant In Service	1%	79%	19%	0%
Equipment O&M	\$6,855	Plant In Service	1%	79%	19%	0%
Facilities O&M	\$5,977	Plant In Service	1%	79%	19%	0%
Insurance	\$36,682	Customers	100%	0%	0%	0%
CommCell Phones	\$6,638	Customers	100%	0%	0%	0%
Advertisement	\$2,786	Customers	100%	0%	0%	0%
Printing	\$3,375	Customers	100%	0%	0%	0%
Bank Service Fees	\$7,496	Customers	100%	0%	0%	0%
Travel	\$3,166	Customers	100%	0%	0%	0%
Small Tools & Equip.	\$8,953	Customers	100%	0%	0%	0%
Office Supplies	\$2,679	Customers	100%	0%	0%	0%
Postage	\$8,105	Customers	100%	0%	0%	0%
Miscellaneous	(\$8,272)	Avg. of Classified	0%	0%	0%	100%
Books/Subscriptions	\$397	Customers	100%	0%	0%	0%
Dues/Memberships	\$19,816	Avg. of Classified	0%	0%	0%	100%
Refunds/Reimb	\$1,017	Customers	100%	0%	0%	0%
Equipment Purchase	\$27,130	Plant In Service	1%	79%	19%	0%
Vehicle Purchase	\$38,229	Plant In Service	1%	79%	19%	0%
Meter Replacement	\$36,295	Customers	100%	0%	0%	0%
TOTAL OPERATING COSTS	\$2,022,235		\$410,382	\$77,829	\$636,684	\$897,340
Reallocate Unclassified	\$897,340		\$327,365	\$62,085	\$507,889	
ALLOCATION OF OPERATING COSTS	\$2,022,235		\$737,747	\$139,915	\$1,144,574	
Existing Debt Service	\$78,778	Plant In Service	1%	79%	19%	
Debt Service			\$1,059	\$62,454	\$15,265	
TOTAL ALLOCATED COSTS [1]	\$2,101,013		\$738,806	\$202,369	\$1,159,839	
Percentage of Allocation			35%	10%	55%	
Fixed/Variable Allocation				45%	55%	

Source: City of Livingston and HEC, September 2019.

func

[1] Excludes capital project costs in fiscal year 2018/19.

Table A-14
City of Livingston 2019 Water Rates Update
Number of Meters and Meter Equivalents

DRAFT

Meter Size	Billing Meters	Flow (gpm)	Ratio	Meter Equivalents
< 1	3,220	50	1.0	3,220
1.5	12	100	2.0	24
2	72	160	3.2	230
3	11	350	7.0	77
4	13	600	12.0	156
6	3	1,250	25.0	75
8	0	2,400	48.0	0
10	1	3,800	76.0	76
Total	3,332			3,858

Source: City of Livingston September 2019.

meters

Table A-15
City of Livingston 2019 Water Rates Update
Projection of Water Demand

DRAFT

Customer Category	Base	Fiscal Year Ending					
		2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Residential							
Single-Family	593,860,000	593,458,254	597,144,330	600,853,301	604,585,309	608,340,497	612,119,010
Multi-Family	68,351,000	68,295,513	68,295,513	68,295,513	68,295,513	68,295,513	68,295,513
Subtotal Residential	662,211,000	661,753,766	665,439,842	669,148,813	672,880,822	676,636,010	680,414,522
Non-Residential							
Commercial	81,815,000	81,704,304	83,477,401	85,288,977	87,139,866	89,030,922	90,963,017
Industrial	1,333,248,000	1,332,526,446	1,332,526,446	1,332,526,446	1,332,526,446	1,332,526,446	1,332,526,446
Irrigation	63,542,000	63,413,042	63,413,042	63,413,042	63,413,042	63,413,042	63,413,042
Other	1,185,000	1,185,000	1,185,000	1,185,000	1,185,000	1,185,000	1,185,000
Subtotal Non-Residential	1,479,790,000	1,478,828,792	1,480,601,889	1,482,413,464	1,484,264,354	1,486,155,410	1,488,087,504
Total Water Demand Est.	2,142,001,000	2,140,582,558	2,146,041,731	2,151,562,278	2,157,145,175	2,162,791,420	2,168,502,027
Total Water Demand Excl. Other	2,140,816,000	2,139,397,558	2,144,856,731	2,150,377,278	2,155,960,175	2,161,606,420	2,167,317,027

Source: City of Livingston and HEC 2019.

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Table A-16
City of Livingston 2019 Water Rates Update

DRAFT

Price Elasticity Assumptions

Customer Type	Estimated Elasticity	Fiscal Year Ending					
		2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Rate Increase Assumption for Inflation		4.25%	4.25%	4.25%	4.25%	4.25%	4.25%
Price Increase Adjusted for Inflation		2.05%	2.05%	2.05%	2.05%	2.05%	2.05%
Customer Type							
Attached Residential	-0.10	-0.21%	-0.21%	-0.21%	-0.21%	-0.21%	-0.21%
Detached Residential	-0.12	-0.25%	-0.25%	-0.25%	-0.25%	-0.25%	-0.25%
Commercial	-0.20	-0.41%	-0.41%	-0.41%	-0.41%	-0.41%	-0.41%
Industrial	-0.08	-0.16%	-0.16%	-0.16%	-0.16%	-0.16%	-0.16%
Irrigation	-0.30	-0.62%	-0.62%	-0.62%	-0.62%	-0.62%	-0.62%

Source: HEC.

elasticity

California CPI Change

February	2009	222.181
February	2019	276.655
Total Change		54.47
Average Annual Change		2.22%

Table A-17
City of Livingston 2019 Water Rates Update

Projected Changes in Water Demand due to Price Changes

DRAFT

Customer Category	Fiscal Year Ending					
	2020 Year 1	2021 Year 2	2022 Year 3	2023 Year 4	2024 Year 5	2025 Year 6
Residential	<i>Projected Growth each year is twenty SF units and five 1" commercial meters</i>					
Single-Family	593,860,000	597,548,571	601,260,053	604,994,588	608,752,318	612,533,388
Multi-Family	68,351,000	68,351,000	68,351,000	68,351,000	68,351,000	68,351,000
Subtotal Residential	662,211,000	665,899,571	669,611,053	673,345,588	677,103,318	680,884,388
Non-Residential						
Commercial	81,815,000	83,590,499	85,404,529	87,257,926	89,151,544	91,086,256
Industrial	1,333,248,000	1,333,248,000	1,333,248,000	1,333,248,000	1,333,248,000	1,333,248,000
Irrigation	63,542,000	63,542,000	63,542,000	63,542,000	63,542,000	63,542,000
Other	1,185,000	1,185,000	1,185,000	1,185,000	1,185,000	1,185,000
Subtotal Non-Residential	1,479,790,000	1,481,565,499	1,483,379,529	1,485,232,926	1,487,126,544	1,489,061,256
Total Water Demand Est.	2,142,001,000	2,147,465,071	2,152,990,582	2,158,578,514	2,164,229,862	2,169,945,645
Change in Demand due to Price						
Residential						
Single-Family	-401,746	-404,242	-406,752	-409,279	-411,821	-414,379
Multi-Family	-55,487	-55,487	-55,487	-55,487	-55,487	-55,487
Subtotal Residential	-457,234	-459,729	-462,240	-464,766	-467,308	-469,866
Non-Residential						
Commercial	-110,696	-113,098	-115,552	-118,060	-120,622	-123,240
Industrial	-721,554	-721,554	-721,554	-721,554	-721,554	-721,554
Irrigation	-128,958	-128,958	-128,958	-128,958	-128,958	-128,958
Other	0	0	0	0	0	0
Subtotal Non-Residential	-961,208	-963,610	-966,065	-968,572	-971,134	-973,752
Total Water Demand Est.	-1,418,442	-1,423,339	-1,428,304	-1,433,338	-1,438,443	-1,443,618

Source: HEC 2019.

elas eff

[1] Change applied to summer months consumption only.

APPENDIX B

WASTEWATER RATE STUDY SUPPORT TABLES

Table B-1
City of Livingston 2019 Wastewater Rates Update

Historical Wastewater Fund Revenue

DRAFT

Revenues	Fiscal Year Ending		
	2017 actual	2018 actual	2019 actual
Intergovernmental			
FEMA Reimbursement	\$0	\$3,528	\$0
SJVAPCD-Grnt Veh Purchase Rev	\$0	\$9,702	(\$3,035)
Total Intergovernmental	\$0	\$13,230	(\$3,035)
Charges for Services			
User Fees	\$2,038,750	\$2,075,866	\$2,182,325
Connection Fees	\$0	\$0	\$0
MS4 Review Fees	\$0	\$2,809	\$16,464
Total Charges for Services	\$2,038,750	\$2,078,675	\$2,198,789
Fines & Forfeits			
Penalty Fees	\$24,803	\$28,702	\$22,417
Total Fines & Forfeits	\$24,803	\$28,702	\$22,417
Return on Use of Money/Property			
Interest Income	\$2,194	\$7,976	\$10,119
Rental Income	\$12,000	\$12,000	\$12,000
Doms WW Land Lease Agmt	\$2,500	\$1,000	\$0
Total Return on Use of Money	\$16,694	\$20,976	\$22,119
Miscellaneous			
Miscellaneous	\$4,188	\$19,281	\$0
Reimbursements	\$1,306	\$1,642	\$66,181
Other Revenue	\$5,494	\$20,923	\$285
Total Miscellaneous	\$10,988	\$41,847	\$66,466
Total Revenues	\$2,091,235	\$2,183,429	\$2,306,757

Source: City of Livingston financials, provided September 2019.

revs

Table B-2
City of Livingston 2019 Wastewater Rates Update
Historical Wastewater Fund Expenses

DRAFT

Operating Expenses	Fiscal Year Ending		
	2017 actual	2018 actual	2019 actual
Personnel	\$422,346	\$543,621	\$630,284
Maintenance and Operations			
Professional Services	\$29,159	\$2,627	\$3,467
Contract Services	\$170,414	\$93,526	\$84,263
RegistrationTuitionTraining	\$1,653	\$3,037	\$2,923
City Audit	\$7,420	\$7,600	\$7,600
Computer Support Agreements	\$15,757	\$21,453	\$21,012
Distribution O & M	\$6,147	\$8,141	\$6,214
Utilities	\$219,906	\$246,101	\$237,325
Soccer Field Utilities	\$1,907	\$1,890	\$1,933
Vehicle O & M	\$16,190	\$28,114	\$22,432
Equipment O & M	\$60,062	\$13,349	\$29,490
Facilities O & M	\$48,438	\$20,398	\$47,757
Storm Drain O & M	\$0	\$0	\$14,047
Wastewater Trtmt Plant O&M	\$5,116	\$13,543	\$51,286
RentsLeases	\$8,600	\$4,390	\$5,736
Insurance	\$59,012	\$59,075	\$61,562
CommCell PhonesTelephone	\$4,641	\$7,844	\$7,185
Advertisement	\$140	\$1,671	\$437
Printing	\$463	\$366	\$1,121
Bank Service Fee Agreements	\$5,176	\$6,467	\$7,496
TravelConferencesMeetings	\$586	\$520	\$253
Lab Processing Expense	\$16,288	\$17,892	\$26,802
Small Tools & Equipment	\$7,748	\$5,897	\$7,997
Postage	\$7,763	\$7,233	\$7,911
Miscellaneous Expenditures	\$1,392	\$831	\$262
DuesMembershipFees	\$27,150	\$41,621	\$43,554
Cost of Issuance-2016ARfndBond	\$250,931	\$0	\$0
Amortizat. Exp 2016A Refunding	(\$4,548)	(\$6,822)	\$0
Merced County Taxes	\$11,106	\$11,237	\$11,342
Total Maintenance & Operations	\$978,618	\$618,001	\$711,411
Supplies			
Office Supplies	\$3,856	\$2,741	\$2,458
Total Supplies	\$3,856	\$2,741	\$2,458
Vehicles, Equip & Improvements			
Equipment Purchase	\$42,348	\$9,976	\$60,167
Vehicle Purchase	\$0	\$0	\$81,879
Vehicle Replacement Fee	\$0	\$0	\$0
FurnitureFixtureImprovements	\$0	\$500	\$0
ImprovementsInfrastructure	\$0	\$53,802	\$0
SJVAPCD Grnt Vehicle Purchase	\$0	\$0	\$0
Vehicles, Equip & Improvements	\$42,348	\$64,278	\$142,046
Debt Service			
Refnd Bond Ser.2016A-Principal	\$0	\$0	\$180,000
USDA Series A - Interest	\$31,470	\$0	\$0
USDA Series B - Interest	\$28,553	\$0	\$0
Refund Bond Ser.2016A-Interest	\$187,023	\$271,950	\$268,450
Debt Service	\$247,046	\$271,950	\$448,450
Transfer Out	\$0	\$0	\$148,566
Total Expenses	\$1,694,213	\$1,500,591	\$2,083,214

Source: City of Livingston financials, provided September 2019.

exps

Table B-3
City of Livingston 2019 Wastewater Rates Update
Current Number of Wastewater Accounts

DRAFT

Customer Code	Billing Cycle					TOTAL
	1	2	3	4	999	
Flat Monthly Charges						
SCOO Commercial Base	3		113	3		119
SOUT Residential Outside City	2		1			3
SRES Residential	3,048	58	5	2		3,113
SMU Multi Unit Residential		21	4			25
SC02 Churches/Temples/Comm Ctrs			16			16
SC16 Schools			5			5
SHM Hotels /Motels			2			2
SCC2 Laudromat					1	1
TOTAL	3,053	79	146	5	1	3,284

Source: City of Livingston Utility Billing May 2019.

accounts

Table B-4
City of Livingston 2019 Wastewater Rates Update

Wastewater Treatment Plant Flow

DRAFT

Month	2016	2017	2018	Average	
				BOD	SS
	Millions of Gallons			Mg/L	Mg/L
Jan	31.27	35.02	35.24	288	346
Feb	28.38	33.80	32.14	425	1,115
Mar	31.61	32.85	35.69	288	368
Apr	30.32	34.64	33.33	250	177
May	31.28	34.60	33.77	200	155
Jun	30.40	31.65	33.12	350	403
Jul	32.26	32.38	34.11	313	320
Aug	32.20	36.66	35.00	353	630
Sep	30.08	35.31	35.14	280	353
Oct	30.39	35.38	33.98	265	440
Nov	32.55	33.60	31.39	310	411
Dec	32.89	33.62	31.26	263	193
Total	373.63	409.51	404.17	299	409
Avg. Flow per Day	1.02	1.12	1.11		

Source: City of Livingston treatment plant records.

param

Table B-5
City of Livingston 2019 Wastewater Rates Update
Wastewater Capital Improvements Plan

DRAFT

Capital Project	Funding Source	Fiscal Year Ending					
		2020	2021	2022	2023	2024	2025
Treatment Plant							
Biosolids Dewatering Equipment	Rates	\$300,000	\$200,000				
SCADA Tower	Rates	\$15,000					
Total Treatment Plant		\$315,000	\$200,000	\$0	\$0	\$0	\$0
Collection System							
Lift Station Rehabilitation (Singh & Burgandy)	Rates	\$100,000	\$100,000				
Sewer Line Replacement [1]	Grant		\$2,800,000				
Additional Sewer Line Replacement	Rates			\$200,000	\$600,000	\$650,000	\$700,000
New Disc & Ripper Tractor	Rates		\$215,000				
New Vac-On Sewer Truck	Rates			\$350,000			
Total Collection System		\$100,000	\$3,115,000	\$550,000	\$600,000	\$650,000	\$700,000
Total Wastewater System		\$6,230,000	\$415,000	\$3,315,000	\$550,000	\$600,000	\$700,000
Funded by Grants		\$2,800,000	\$0	\$2,800,000	\$0	\$0	\$0
Funded by Rates		\$3,430,000	\$415,000	\$515,000	\$550,000	\$600,000	\$700,000
Funded by Loan		\$0	\$0	\$0	\$0	\$0	\$0

Source: City of Livingston Public Works May 2019.

cip

[1] The City anticipates that this cost will be funded by a CDBG grant.

Table B-6
City of Livingston 2019 Wastewater Rates Update
2016A Sewer Revenue Refunding Bonds **DRAFT**

Fiscal Year Ending	Principal	Interest	Total Debt Service
2017	\$220,000	\$95,790	\$315,790
2018	\$175,000	\$273,700	\$448,700
2019	\$180,000	\$268,450	\$448,450
2020	\$190,000	\$261,250	\$451,250
2021	\$195,000	\$253,650	\$448,650
2022	\$200,000	\$245,850	\$445,850
2023	\$210,000	\$237,850	\$447,850
2024	\$220,000	\$229,450	\$449,450
2025	\$230,000	\$220,650	\$450,650
2026	\$240,000	\$211,450	\$451,450
2027	\$250,000	\$201,850	\$451,850
2028	\$260,000	\$191,850	\$451,850
2029	\$265,000	\$181,450	\$446,450
2030	\$280,000	\$170,850	\$450,850
2031	\$290,000	\$159,650	\$449,650
2032	\$300,000	\$148,050	\$448,050
2033	\$315,000	\$136,050	\$451,050
2034	\$325,000	\$123,450	\$448,450
2035	\$335,000	\$112,888	\$447,888
2036	\$345,000	\$102,000	\$447,000
2037	\$355,000	\$90,788	\$445,788
2038	\$365,000	\$78,806	\$443,806
2039	\$385,000	\$66,488	\$451,488
2040	\$395,000	\$53,494	\$448,494
2041	\$410,000	\$40,163	\$450,163
2042	\$420,000	\$26,325	\$446,325
2043	\$360,000	\$12,150	\$372,150

Source: Revenue Bond documents.

ref bonds

Table B-7
City of Livingston 2019 Wastewater Rates Update

Summary of Depreciation in Rates

DRAFT

Facility Depreciation	Fiscal Year Ending					
	2020	2021	2022	2023	2024	2025
Existing System [1]	\$391,005	\$391,005	\$391,005	\$391,005	\$391,005	\$391,005
New Facilities	\$12,800	\$80,765	\$120,936	\$129,251	\$138,575	\$148,967
Total Depreciation	\$403,805	\$471,770	\$511,941	\$520,256	\$529,580	\$539,972
Percentage in Rates	0%	0%	0%	0%	0%	0%
Depreciation in Rates	\$0	\$0	\$0	\$0	\$0	\$0

Source: City of Livingston May 2019 and HEC.

depr

[1] Current annual depreciation:

Lift Stations	\$30,424
Collection System	\$12,516
Treatment Plant	\$324,512
Equipment & Vehicles	\$23,554
Total Annual Depreciation	\$391,005

Table B-8
City of Livingston 2019 Wastewater Rates Update

Depreciation for New CIP

DRAFT

Wastewater System	Useful Life	Fiscal Year Ending					
		2020	2021	2022	2023	2024	2025
Treatment Plant							
	years						
Biosolids Dewatering Equipment	30	\$10,000	\$16,900	\$16,900	\$16,900	\$16,900	\$16,900
SCADA Tower	50	\$300	\$300	\$300	\$300	\$300	\$300
Total Treatment Plant		\$10,300	\$17,200	\$17,200	\$17,200	\$17,200	\$17,200
Collection System							
Lift Station Rehabilitation (Singh & Burgandy)	40	\$2,500	\$5,088	\$5,088	\$5,088	\$5,088	\$5,088
Sewer Line Replacement	80	\$0	\$36,225	\$36,225	\$36,225	\$36,225	\$36,225
Additional Sewer Line Replacement	80	\$0	\$0	\$2,678	\$10,993	\$20,317	\$30,709
New Disc & Ripper Tractor	10	\$0	\$22,253	\$22,253	\$22,253	\$22,253	\$22,253
New Vac-On Sewer Truck	10	\$0	\$0	\$37,493	\$37,493	\$37,493	\$37,493
Total Collection System		\$2,500	\$63,565	\$103,736	\$112,051	\$121,375	\$131,767
TOTAL		\$12,800	\$80,765	\$120,936	\$129,251	\$138,575	\$148,967

Source: City of Livingston capital improvement plan June 2019, and HEC.

new depr

Table B-9

City of Livingston 2019 Wastewater Rates Update

Year 1

Projected Costs and Distribution between Collection and Treatment System

DRAFT

Fiscal Year Ending 2020

Expenditures	Projected Total	Allocation		Collection		Treatment		
		Collection	Treatment	Operations	Capital	Operations	Capital	Total
Personnel	\$668,101	20%	80%	\$133,620		\$534,481		\$534,481
Professional & Contract Services	\$98,190	20%	80%	\$19,638		\$78,552		\$78,552
Treatment Plant O&M	\$53,081	20%	80%	\$10,616		\$42,465		\$42,465
Collection & Facilities O&M	\$55,860	20%	80%	\$11,172		\$44,688		\$44,688
Utilities	\$248,828	20%	80%	\$49,766		\$199,063		\$199,063
Facilities, Equipment & Other O&M	\$68,278	20%	80%	\$13,656		\$54,622		\$54,622
Tools, Subscriptions, Supplies	\$213,256	20%	80%	\$42,651		\$170,605		\$170,605
Series 2016A Refunding	\$451,250	20%	80%		\$90,250		\$361,000	\$361,000
New Debt Service	\$0	20%	80%		\$0		\$0	\$0
System Rehabilitation and New Projects:	\$465,000	20%	80%		\$93,000		\$372,000	\$372,000
Additional Collection for Depreciation	\$0	20%	80%		\$0		\$0	\$0
Subtotal Costs	\$2,321,844			\$281,119	\$183,250	\$1,124,475	\$733,000	\$1,857,475
Addition to Operating Reserve	\$50,000							
Less Offsetting Credits	(\$54,000)							
Adjustment	\$161,050							
Total	\$2,478,894							

Source: City of Livingston financials, September 2019, and HEC.

distr

Table B-10

City of Livingston 2019 Wastewater Rates Update

Year 1

Unit Cost Determination

DRAFT

Fiscal Year Ending 2020

Cost Category	Allocated Costs		Percent Allocation				Cost				Total Influent				Unit Cost Per:			
	(A)	(B)	(C)	(D)	(E)=(A)*(B)	(F)=(A)*(C)	(G)=(A)*(D)	(H)	(I)	(J)	(K)=(E)/(H)	(L)=(F)/(I)	(M)=(G)/(I)	(N)=(J)/(I)	(O)=(K)/(I)	(P)=(L)/(I)	(Q)=(M)/(I)	
Operating Costs																		
Collection System Costs	\$281,119	100%	0%	0%	\$281,119	\$0	\$0	395	962	983	\$712	\$0	\$0					
Treatment Costs	\$1,124,475	60%	20%	20%	\$674,685	\$224,895	\$224,895	395	962	983	\$1,709	\$234	\$229					
Capital Costs																		
Collection System Costs	\$183,250	100%	0%	0%	\$183,250	\$0	\$0	395	962	983	\$464	\$0	\$0					
Treatment Costs	\$733,000	60%	20%	20%	\$439,800	\$146,600	\$146,600	395	962	983	\$1,114	\$152	\$149					
Subtotal Collection Costs	\$464,369	100%	0%	0%	\$464,369	\$0	\$0					\$0	\$0					
Subtotal Treatment Costs	\$1,857,475	60%	20%	20%	\$1,114,485	\$371,495	\$371,495					\$386	\$378					
Subtotal Costs	\$2,321,844	68%	16%	16%	\$1,578,854	\$371,495	\$371,495					\$386	\$378					
Addition to Operating Reserve	\$50,000	68%	16%	16%	\$34,000	\$8,000	\$8,000	395	962	983	\$86	\$8	\$8					
Less Offsetting Credits	(\$54,000)	68%	16%	16%	(\$36,720)	(\$8,640)	(\$8,640)	395	962	983	(\$93)	(\$9)	(\$9)					
Adjustment	\$161,050	68%	16%	16%	\$109,514	\$25,768	\$25,768	395	962	983	\$277	\$27	\$26					
TOTAL COSTS	\$2,428,894				\$1,685,648	\$396,623	\$396,623				\$4,271	\$412	\$404					

Source: City of Livingston financials, September 2019, and HEC.

units

Table B-11

City of Livingston 2019 Wastewater Rates Update

Year 1

Allocation of Costs to Flow, BOD and SS by Customer Category

DRAFT

Fiscal Year Ending 2020

Unit Cost / Customer Category	Flow MG/Yr	BOD Klb/Yr	SS Klb/Yr	Collection		Treatment		Other		TOTAL
				Flow \$/Mgal	SS \$/Klb	Flow \$/Mgal	BOD \$/Klb	Flow \$/Mgal	BOD \$/Klb	
Unit Cost				\$1,177	\$2,824	\$386	\$378	\$271	\$26	\$26
Residential										
Detached	284.3	592.8	592.8	\$334,547	\$802,913	\$229,020	\$224,104	\$76,938	\$15,491	\$15,158
Attached	46.3	96.4	96.4	\$54,421	\$130,610	\$37,255	\$36,455	\$12,516	\$2,520	\$2,466
Non-Residential										
Churches/Temples/Comm. Ctrs.	1.7	2.2	2.4	\$1,958	\$4,700	\$831	\$892	\$450	\$56	\$60
Schools (with cafeteria)	13.3	25.6	18.4	\$15,702	\$37,685	\$9,889	\$6,942	\$3,611	\$669	\$470
Hotel/Motel	3.4	9.9	14.2	\$3,994	\$9,585	\$3,828	\$5,351	\$919	\$259	\$362
Light Industrial	8.8	73.1	58.4	\$10,307	\$24,737	\$28,223	\$22,094	\$2,370	\$1,909	\$1,494
Commercial	36.9	161.7	200.1	\$43,440	\$104,255	\$62,448	\$75,657	\$9,990	\$4,224	\$5,117
TOTAL	394.7	961.6	982.7	\$464,369	\$1,114,485	\$371,495	\$371,495	\$106,794	\$25,128	\$25,128

Source: City of Livingston financials, September 2019, and HEC.

alloc

Table B-12

City of Livingston 2019 Wastewater Rates Update
Calculated Cost per Thousand Gallons

DRAFT Year 1
Fiscal Year Ending 2020

Customer Type	Allocated Cost	Percentage of Cost	Annual Flow (MG)	Cost per 1,000 Gallons
Residential				
Detached	\$1,698,173	68.5%	284.34	\$5.97
Attached	\$276,242	11.1%	46.25	\$5.97
Subtotal Residential	\$1,974,414	79.6%	330.59	\$5.97
Non-Residential				
Churches/Temples/Comm. Ctrs.	\$8,948	0.4%	1.66	\$5.38
Schools (with cafeteria)	\$74,967	3.0%	13.35	\$5.62
Hotel/Motel	\$24,297	1.0%	3.39	\$7.16
Light Industrial	\$91,135	3.7%	8.76	\$10.40
Commercial	\$305,132	12.3%	36.92	\$8.26
Subtotal Non-Residential	\$504,480	20.4%	64.08	\$7.87
TOTAL	\$2,478,894	100.0%	394.67	\$6.28

Source: City of Livingston financials, September 2019, and HEC.

cos

Table B-13
City of Livingston 2019 Wastewater Rates Update

Projected Number of Billing Units

DRAFT

Customer Categories		2020	2021	2022	2023	2024	2025
	<i>Growth Rate [1] ---></i>		1.5%	1.5%	1.5%	1.5%	1.5%
Residential	Units	3,692	3,747	3,804	3,861	3,919	3,977
Non-Residential							
Churches/Temples/Comm. Ctrs.	Accounts	16	16	16	16	16	16
Schools (with cafeteria) [2]	Students	3,892	3,912	3,931	3,951	3,971	3,991
Hotel/Motel	Rooms	93	93	93	93	93	93
Light Industrial	Accounts	1	1	1	1	1	1
Commercial	Accounts	119	121	123	124	126	128
Flow Projection							
Light Industrial	Mgals	8.8	8.8	8.8	8.8	8.8	8.8
Commercial	Mgals	36.9	37.5	38.0	38.6	39.2	39.8

Source: City of Livingston customer records May 2019, and HEC.

services

[1] Growth rate applied to residential and commercial categories only.

[2] Uses growth rate of 0.5%.

APPENDIX C

SOLID WASTE RATE STUDY SUPPORT TABLES

Table C-1
City of Livingston 2019 Solid Waste Rates Update
Historical Sanitation Fund Revenues

DRAFT

Revenues	Fiscal Year Ending		
	2017	2018	2019
	actual	actual	actual
Intergovernmental			
Grant Funds	\$10,000	\$5,000	\$5,000
CMAQ Grant For CNG Sweeper	\$0	\$0	\$0
SJVAPCD-Grnt Veh Purchase Rev	\$0	\$9,702	(\$3,035)
Subtotal Intergovernmental	\$10,000	\$14,702	\$1,965
Charges for Services			
User Fees	\$1,371,342	\$1,386,815	\$1,417,249
Developer Impact Fees	\$0	\$0	\$0
Subtotal Charges for Services	\$1,371,342	\$1,386,815	\$1,417,249
Fines & Forfeitures			
Penalty Fees	\$15,229	\$17,733	\$15,595
Subtotal Fines & Forfeitures	\$15,229	\$17,733	\$15,595
Return on Use of Money/Property			
True Value Parking Lot Maint	\$0	\$0	\$0
Plaza Parking Lot Maint	\$0	\$0	\$0
Interest Income	\$1,476	\$7,549	\$10,875
Subtotal Return on Use of Money/Property	\$1,476	\$7,549	\$10,875
Miscellaneous			
Reimbursements/Refunds	\$3,080	\$9,782	\$5,991
Other Revenue	\$407	\$236	\$71
RMA Insurance Refunds	\$0	\$0	\$0
Subtotal Miscellaneous	\$3,487	\$10,019	\$6,061
Total Revenues	\$1,401,534	\$1,436,818	\$1,451,745

Source: City of Livingston financials November 2019.

rev

Table C-2
City of Livingston 2019 Solid Waste Rates Update
Historical Sanitation Fund Expenses

DRAFT

Expenses	Fiscal Year Ending		
	2017	2018	2019
	actual	actual	actual
Personnel	\$91,307	\$180,716	\$177,295
Maintenance and Operations			
Professional Services	\$3,727	\$1,123	\$1,180
Contract Services	\$54,788	\$18,930	\$17,060
Service Agreements	\$0	\$0	\$0
Disposal Contract Services	\$907,749	\$919,518	\$997,084
RegistrationTuitionTraining	\$81	\$0	\$0
City Attorney	\$0	\$0	\$0
City Audit	\$7,420	\$7,600	\$8,000
Computer Support Agreements	\$14,639	\$22,009	\$21,136
Plaza Parking Lot O & M	\$0	\$0	\$0
Utilities	\$0	\$0	\$0
Vehicle O & M	\$2,807	\$942	\$5,050
Equipment O & M	\$13	\$39	\$0
Facilities O & M	\$810	\$120	\$0
True Value Parking Lot O & M	\$0	\$0	\$0
RentsLeases	\$0	\$0	\$0
Street Sweeper O & M	\$0	\$0	\$0
Insurance	\$5,594	\$4,811	\$4,831
CommCell PhonesTelephone	\$134	\$2,201	\$2,447
Advertisement	\$0	\$0	\$417
Printing	\$463	\$366	\$507
Bank Service Fee Agreements	\$5,176	\$6,467	\$7,496
Trustee Fees	\$0	\$0	\$0
TravelConferencesMeetings	\$586	\$102	\$146
Small Tools & Equipment	\$351	\$434	\$82
Office Supplies	\$3,230	\$2,412	\$2,178
Postage	\$7,774	\$7,192	\$7,905
ReimbursementRefunds	\$0	\$0	\$0
Miscellaneous Expenditures	\$0	\$78	(\$56)
BooksSubscriptionsPeriodical	\$0	\$0	\$0
DuesMembershipFees	\$2,088	\$482	\$732
RecycleLitter Grant Expense	(\$11,947)	\$0	\$12,698
Payment In Lieu Tax	\$0	\$0	\$0
Bad Debt Write Offs	\$0	\$0	\$0
Subtotal Maintenance and Operations	\$1,005,483	\$994,826	\$1,088,893
Vehicles, Equip & Improvements			
Equipment Purchase	\$788	\$3,592	\$0
Garbage Container Purchase	\$0	\$0	\$0
Vehicle Purchase	\$0	\$0	\$0
Vehicle Replacement Fee	\$0	\$0	\$0
Purchase Street Sweeper	\$0	\$0	\$0
FurnitureFixtureImprovements	\$0	\$199	\$0
SJVAPCD Grant Vehicle Purchase	\$0	\$0	\$0
Subtotal Vehicles, Equip. & Improvements	\$788	\$3,791	\$0
Total Expenses	\$1,097,578	\$1,179,333	\$1,266,188

Source: City of Livingston financials November 2019.

exp

Table C-3
City of Livingston 2019 Solid Waste Rates Update
Gilton Rates Fiscal Year 2019/20

DRAFT

Collections per Week	Rates Effective 1 July 2019				
	x1	x2	x3	x4	x5
Residential					
96 gal. cart	\$17.05				
Add'l cart	\$4.50				
96 gal. cart greenwaste	\$0.90				
Add'l greenwaste cart	\$4.50				
Multi-Family & Comm'l					
1 CY	\$32.10	\$63.64	\$95.08	\$126.59	\$158.09
2 CY	\$63.98	\$126.82	\$191.21	\$254.57	\$317.91
3 CY	\$94.79	\$179.29	\$270.16	\$355.47	\$432.46
4 CY	\$121.33	\$236.43	\$369.77	\$452.14	\$541.71
6 CY	\$170.59	\$332.35	\$508.54	\$634.08	\$798.17
Organics Bin (New)	\$179.04	\$348.86			
Commercial - Compacting Bins					
3 CY	\$329.63	\$635.26	\$1,271.80	\$1,271.80	\$1,589.74
4 CY	\$418.11	\$800.37	\$1,695.72	\$1,695.72	\$2,119.67
Standard Recycle Bins					
4 CY	\$48.39	\$96.78	\$193.58	\$193.58	\$241.96
6 CY	\$48.39	\$96.78	\$193.58	\$193.58	\$241.96

Source: Letter 5/22/19 from Gilton Solid Waste Management, Inc.

gilton

Table C-4
City of Livingston 2019 Solid Waste Rates Update

Projected Number of Sanitation Services

DRAFT

Customer Type	Current No. of Customers	Projected Number of Services					
		2020	2021	2022	2023	2024	2025
<i>Estimated Growth Rate --></i>		<i>0.0%</i>	<i>1.5%</i>	<i>1.5%</i>	<i>1.5%</i>	<i>1.5%</i>	<i>1.5%</i>
Residential							
96 gal. cart	3,082	3,082	3,128	3,175	3,223	3,271	3,320
Add'l cart	284	284	288	293	297	301	306
96 gal. cart greenwaste	3,055	3,055	3,101	3,147	3,195	3,242	3,291
Add'l greenwaste cart	7	7	7	7	7	7	8
Multi-Family & Comm'l - 1x / Week							
1 CY	7	7	7	7	7	7	8
2 CY	27	27	27	28	28	29	29
3 CY	13	13	13	13	14	14	14
4 CY	17	17	17	18	18	18	18
6 CY	7	7	7	7	7	7	8
Multi-Family & Comm'l - 2x/Week							
1 CY	0	0	0	0	0	0	0
2 CY	1	1	1	1	1	1	1
3 CY	4	4	4	4	4	4	4
4 CY	12	12	12	12	13	13	13
6 CY	9	9	9	9	9	10	10
Multi-Family & Comm'l - 3x/Week							
1 CY	0	0	0	0	0	0	0
2 CY	0	0	0	0	0	0	0
3 CY	0	0	0	0	0	0	0
4 CY	5	5	5	5	5	5	5
6 CY	3	3	3	3	3	3	3
TOTAL	6,533	6,533	6,631	6,730	6,831	6,934	7,038

Source: City of Livingston and HEC May 2019.

services

STAFF REPORT

AGENDA ITEM: Resolution and Ordinance of the City Council of the City of Livingston Establishing Rates for Solid Waste Service Fees

MEETING DATE: March 17, 2020

PREPARED BY: Vanessa L. Portillo, Finance Director
Catherine Hansford, Consultant

REVIEWED BY: Jose Antonio Ramirez, City Manager

RECOMMENDATION:

Staff recommends that the City Council take the following actions:

1. Open Public Hearing;
2. Close Public Hearing and determine whether a majority protest exists. If no majority protest exists, continue to recommendations 3 and 4 below;
3. Adopt Resolution 2020-__, establishing rates for solid waste services fees; and
4. Waive first reading and introduce Ordinance No. ____, establishing rates for solid waste service fees.

BACKGROUND:

In 1996, California voters approved Proposition 218, the “Right to Vote on Taxes Act,” which added Articles XI11C and XI11D to the California Constitution. Since its adoption, various court cases in 2005 and 2006, most notably *Bighorn-Desert View Water Agency v. Verjil*; *Richmond v. Shasta Community Services District*; and the *Howard Jarvis Taxpayers Association v. City of Fresno*, extended the application of Proposition 218 from general taxes and assessments to utility user fees provided by public agencies (i.e., sewer, water, and waste collection, etc.).

The City hired Hansford Economic Consulting on February 5, 2019, to perform utility rate studies on the City’s enterprise funds; water, wastewater, and solid waste/sanitation. After analysis, reviews, discussions, and input from various groups including but not limited to the following; City staff, Stakeholders’ Committee, City Council, the public, engineering firms, and other consultants, the City Council authorized staff on January 31, 2020, to conduct a Proposition 218 process and establish a public hearing date for consideration of increased fees charged for wastewater service.

Final Utility Rate Study reports were translated into Spanish and Punjabi, and were made available on City’s website for public access and review.

Proposition 218 (Article XI11D of the California Constitution) required notification to affected property owners at least 45 days prior to the scheduled hearing. Staff sent property owners and affected tenants such notice.

The City held three (3) public workshops (February 25th, March 5th, and March 12th of 2020) regarding the proposed wastewater rate increase; one workshop was conducted in English, one in Spanish, and one in Punjabi.

Protest ballots are accepted up to the conclusion of the public hearing. At the conclusion of the public hearing, the protest ballots will be tabulated and presented to the City Council. If a majority of the owners of parcels on which the fee is imposed protest, the proposed new wastewater fees and charges cannot be adopted.

ANALYSIS

Although there is an argument that solid waste collection service fees (“Solid Waste Service Fees” or “Service Fees”) within the City of Livingston are not subject to Proposition 218 because the services are provided by a private solid waste hauler and not the City, the City Council and the City Manager have decided to follow the process detailed by Proposition 218 in order to promote transparency and involvement by City property owners and customers.

The rate study, which was done to study appropriate rates and to satisfy Proposition 218, determined that existing solid waste system revenues will be insufficient to cover projected operations and maintenance costs of the City’s solid waste system (the “System”). The study determined that increases to the schedule of rates for the City’s Service Fees are necessary for a five-year period to generate revenues sufficient to cover the City’s ongoing costs of the System’s operations, maintenance, and capital facilities.

Since the City must generate revenues in an amount sufficient to cover the City’s ongoing costs of the System’s operations, maintenance, and capital facilities, the City Council determined to initiate the Proposition 218 process.

The City Council is presented with both a Resolution and an Ordinance establishing the new rates. The City Council in 2013 and 2014 decided to do all rate increases by ordinances; however, since Livingston Municipal Code section 8-2-43 requires that solid waste collection rates be set by resolution, the Council is being asked to adopt both in order to comply with all intentions and requirements. Staff is presenting an ordinance to be consistent with past practice.

Although the rates are being established by a Resolution and an Ordinance, the intent is to have both establish rates at the same time. Since ordinances require two readings and a 30-day wait period after adoption for the rates to be effective, the attached Resolution indicates that the approval of the Solid Waste Service Fees under the Resolution are contingent on the adoption of Ordinance ____, and shall be in effect on May 7, 2020.

ATTACHMENTS:

1. Resolution 2020-__, Establishing Rates for Solid Waste Service Fees
2. Ordinance No. ____, Establishing Rates for Solid Waste Service Fees
3. Proposed Solid Waste Service Fees

3493018.3

RESOLUTION NO. 2020-__

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LIVINGSTON
ESTABLISHING RATES FOR SOLID WASTE SERVICE FEES**

WHEREAS, in 1996, California voters approved Proposition 218, the “Right to Vote on Taxes Act,” which added Articles XI11C and XI11D to the California Constitution; and

WHEREAS, various court cases in 2005 and 2006, most notably *Bighorn-Desert View Water Agency v. Verjil*; *Richmond v. Shasta Community Services District*; and the *Howard Jarvis Taxpayers Association v. City of Fresno*, extended the application of Proposition 218 from general taxes and assessments to utility user fees (i.e., sewer, water, and waste collection, etc.); and

WHEREAS, although there is an argument that solid waste collection service fees (“Solid Waste Service Fees” or “Service Fees”) within the City of Livingston are not subject to Proposition 218 because the services are provided by a private solid waste hauler and not the City, the City Council and the City Manager have decided to follow the process detailed by Proposition 218 in order to promote transparency and involvement by City property owners and customers. Accordingly, the City does not waive its right to conduct Solid Waste Service Fee increases without following the Proposition 218 procedures; and

WHEREAS, the City of Livingston determined to undertake a rate study to analyze the revenue requirements, and the rate structure that should be adopted to proportionately allocate the costs of providing solid waste service to its solid waste customers. The rate study was prepared by Hansford Economic Consulting Inc., and has been on file at Livingston City Hall since the notices to property owners and customers were sent out on January 31, 2020; and

WHEREAS, the City must generate revenues in an amount sufficient to cover the City’s ongoing costs of the City’s solid waste system’s (the “System”) operations, maintenance, and capital facilities; and

WHEREAS, the revenues derived from the proposed Service Fees will not exceed the funds required to provide the solid waste services and shall be used exclusively for the System; and

WHEREAS, the amount of the proposed Service Fees will not exceed the proportional cost of the service attributable to each parcel upon which they are proposed for imposition; and

WHEREAS, the proposed Service Fees will not be imposed on a parcel unless the solid waste services are actually used by, or immediately available to, the owner of the parcel; and

WHEREAS, California Constitution article XIII D, section 6 (“Article XIII D”) requires that prior to imposing any increase to the Service Fees, the City shall provide written notice (the “Notice”) by mail of the proposed increases to the Service Fees to the record owner of each parcel upon which the rate increases to the Service Fees are proposed for imposition, and any tenant directly liable for payment of such Service Fees, the amount of the rates for the Service Fees proposed to be imposed on each parcel, the basis upon which the rates for the Service Fees were calculated, the reason for the rate increases to the Service Fees, and the date time and location of a public hearing (the “Hearing”) on the proposed rate increases to the Service Fees; and

WHEREAS, pursuant to Article XIII D such Notice is required to be provided to the affected property owners and any tenant directly liable for the payment of the Service Fees not less than forty-five (45) days prior to the Hearing on the proposed rates; and

WHEREAS, on January 31, 2020, the City provided the Notice to the affected property owners and tenants of the proposed rate increases to the Service Fees in compliance with Article XIII D; and

WHEREAS, the Hearing was held March 17, 2020; and

WHEREAS, at the Hearing, the City Council heard and considered all oral testimony, written materials, and written protests concerning the establishment and imposition of the proposed rate increases to the Service Fees; and

WHEREAS, upon close of the Hearing, the City did not receive written protests against the establishment and imposition of the proposed rate increases to the Service Fees from a majority of the affected property owners and tenants directly liable for the payment of the Service Fees; and

WHEREAS, Livingston Municipal Code section 8-2-43 requires that “monthly customer collection charges for single-family units, multi-family units, commercial units, industrial units, institutional units and Government units shall be set by Resolution of the City Council;” and

WHEREAS, this Resolution shall supersede all other previous resolutions that may conflict with, or be contrary to, this Resolution and Ordinance No. ___ respecting the rates for Service Fees described more particularly herein.

NOW, THEREFORE, the City Council of the City of Livingston resolves as follows:

1. **Recitals.** The City Council of the City of Livingston finds and determines that the foregoing Recitals are true and correct and incorporates the Recitals herein.

2. **Solid Waste Service Fee Adjustment and Effective Date.** The City Council of the City of Livingston does hereby approve the Solid Waste Service Fees set forth in the attached **Exhibit A** contingent on the adoption of Ordinance No. ___.

The Solid Waste Service Fees are also being adjusted by Ordinance No. ___, which is set to have its first reading on March 17, 2020, and its second reading and adoption on April 7, 2020. If adopted, Ordinance 603 will take effect thirty (30) days after adoption. The approval of the Solid Waste Service Fees set forth in **Exhibit A** of this Resolution shall be contingent on the adoption of Ordinance No. ___ and shall be in effect thirty (30) days after Ordinance No. ___’s adoption.

The City Council hereby authorizes and directs the City Manager to implement and take all actions necessary to effectuate the rates for the Service Fees set forth herein.

3. **CEQA:** The approval of this Resolution is not a project within the meaning of the California Environmental Quality Act (Public Resources Code §§ 21000 et seq., “CEQA,” and 14 Cal. Code Reg. §§ 15000 et seq., “CEQA Guidelines”). Further, pursuant to CEQA Guidelines section 15273 and Public Resources Code § 21080(b)(8), this Resolution is not subject to CEQA because CEQA does not apply to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges by public agencies for certain purposes, including for the purpose of meeting operating expenses. This Resolution does not involve any commitment to any specific project that may result in a potentially significant physical impact on the environment. If the Solid Waste Service Fees are used for any project that would have such effect, the City will undertake the required CEQA review for that particular project.

4. **Severability.** If any section, subsection, subdivision, sentence, clause, or phrase in this Resolution or any part thereof is for any reason held to be unconstitutional or invalid, ineffective by any court of competent jurisdiction, such decision shall not affect the validity or effectiveness of the remaining portions of this Resolution or any part thereof. The City Council hereby declares that it would have adopted each

section irrespective of the fact that any one or more subsections, subdivisions, sentences, clauses, or phrases be declared unconstitutional, invalid, or ineffective.

5. **Effective Date:** This Resolution shall take effect immediately upon its passage.

PASSED AND ADOPTED by the City Council of the City of Livingston on the 17th day of March, 2020, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

Gurpal Samra, Mayor
of the City of Livingston

ATTEST:

I, hereby certify that the foregoing Resolution was regularly introduced, passed and adopted at a regular meeting of the City Council of the City of Livingston this 17th day of March, 2020.

Antonio Silva, City Clerk
of the City of Livingston

3493058.3

ORDINANCE NO. ____

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LIVINGSTON
ESTABLISHING RATES FOR SOLID WASTE SERVICE FEES

WHEREAS, in 1996, California voters approved Proposition 218, the “Right to Vote on Taxes Act,” which added Articles X111C and XIID to the California Constitution; and

WHEREAS, various court cases in 2005 and 2006, most notably *Bighorn-Desert View Water Agency v. Verjil*; *Richmond v. Shasta Community Services District*; and the *Howard Jarvis Taxpayers Association v. City of Fresno*, extended the application of Proposition 218 from general taxes and assessments to utility user fees (i.e., sewer, water, and waste collection, etc.); and

WHEREAS, although there is an argument that solid waste collection service fees (“Solid Waste Service Fees” or “Service Fees”) within the City of Livingston are not subject to Proposition 218 because the services are provided by a private solid waste hauler and not the City, the City Council and the City Manager have decided to follow the process detailed by Proposition 218 in order to promote transparency and involvement by City property owners and customers. Accordingly, the City does not waive its right to conduct Solid Waste Service Fee increases without following the Proposition 218 procedures; and

WHEREAS, the City of Livingston determined to undertake a rate study to analyze the revenue requirements and the rate structure that should be adopted to proportionately allocate the costs of providing solid waste service to its solid waste customers. The rate study was prepared by Hansford Economic Consulting Inc., and has been on file at Livingston City Hall since the notices to property owners and customers were sent out on January 31, 2020; and

WHEREAS, the City must generate revenues in an amount sufficient to cover the City’s ongoing costs of the City’s solid waste system’s (the “System”) operations, maintenance, and capital facilities; and

WHEREAS, the rate study determined that increases to the schedule of rates for the City’s solid waste service fees, (“Service Fees”) are necessary for a five (5) year period to generate revenues sufficient to cover the City’s ongoing costs of the System’s operations, maintenance, and capital facilities; and

WHEREAS, the revenues derived from the proposed Service Fees will not exceed the funds required to provide the solid waste services and shall be used exclusively for the System; and

WHEREAS, the amount of the proposed Service Fees will not exceed the proportional cost of the service attributable to each parcel upon which they are proposed for imposition; and

WHEREAS, the proposed Service Fees will not be imposed on a parcel unless the solid waste services are actually used by, or immediately available to, the owner of the parcel; and

WHEREAS, California Constitution article XIII D, section 6 (“Article XIII D”) requires that prior to imposing any increase to the Service Fees, the City shall provide written notice (the “Notice”) by mail of the proposed increases to the Service Fees to the record owner of each parcel upon which the rate increases to the Service Fees are proposed for imposition, and any tenant directly liable for payment of such Service Fees, the amount of the rates for the Service Fees proposed to be imposed on each parcel, the basis upon which the rates for the Service Fees were calculated, the reason for the rate increases to the Service Fees, and the date time and location of a public hearing (the “Hearing”) on the proposed rate increases to the Service Fees; and

WHEREAS, pursuant to Article XIII D, such Notice is required to be provided to the affected property owners and any tenant directly liable for the payment of the Service Fees not less than forty-five (45) days prior to the Hearing on the proposed rates; and

WHEREAS, on January 31, 2020 the City provided the Notice to the affected property owners and tenants of the proposed rate increases to the Service Fees in compliance with Article XIII D; and

WHEREAS, the Hearing was held March 17, 2020; and

WHEREAS, at the Hearing, the City Council heard and considered all oral testimony, written materials, and written protests concerning the establishment and imposition of the proposed rate increases to the Service Fees; and

WHEREAS, upon close of the Hearing, the City did not receive written protests against the establishment and imposition of the proposed rate increases to the Service Fees from a majority of the affected property owners and tenants directly liable for the payment of the Service Fees; and

WHEREAS, Livingston Municipal Code section 8-2-43 requires that “monthly customer collection charges for single-family units, multi-family units, commercial units, industrial units, institutional units, and Government units shall be set by Resolution of the City Council;” and

WHEREAS, this Ordinance and Resolution No. 2020-__ shall supersede all other previous resolutions and ordinances that may conflict with, or be contrary to, this Ordinance and Resolution No. 2020-__ respecting the rates for Service Fees described more particularly herein.

THE CITY COUNCIL OF THE CITY OF LIVINGSTON DOES ORDAIN AS FOLLOWS:

SECTION 1. RECITALS

The foregoing recitals are true and correct and made a part of this Ordinance.

SECTION 2. SOLID WASTE SERVICE FEE ADJUSTMENT

The City Council of the City of Livingston does hereby approve the Solid Waste Service Fees set forth in the attached **Exhibit A**. The City Council hereby authorizes and directs the City Manager to implement and take all actions necessary to effectuate the rates for the Service Fees set forth herein.

SECTION 3. CEQA

The approval of this Ordinance is not a project within the meaning of the California Environmental Quality Act (Public Resources Code §§ 21000 et seq., “CEQA,” and 14 Cal. Code Reg. §§ 15000 et seq., “CEQA Guidelines”). Further, pursuant to CEQA Guidelines section 15273 and Public Resources Code § 21080(b)(8), this Ordinance is not subject to CEQA because CEQA does not apply to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges by public agencies for certain purposes, including for the purpose of meeting operating expenses. This Ordinance does not involve any commitment to any specific project that may result in a potentially significant physical impact on the environment. If the Solid Waste Service Fees are used for any project that would have such effect, the City will undertake the required CEQA review for that particular project.

SECTION 4. SEVERABILITY

If any provision of this Ordinance, or the application thereof to any person or circumstance, is held invalid, the remainder of the Ordinance, including the application of such part or provision to other persons or circumstances shall not be affected thereby and shall continue in full force and effect. To this end, provisions of this Ordinance are severable. The City Council hereby declares that it would have passed each section, subsection, subdivision, paragraph, sentence, clause or phrase hereof irrespective of the fact that any one or more sections, subsections, subdivisions, paragraphs, sentences, clauses, or phrases be held unconstitutional, invalid or unenforceable.

SECTION 5. EFFECTIVE DATE

This Ordinance shall become effective thirty (30) days after its final passage and adoption.

Introduced: March 17, 2020

Passed and Adopted:

Gurpal Samra, Mayor
of the City of Livingston

ATTEST:

State of California)
County of Merced)
City of Livingston)

I, hereby certify that the foregoing Ordinance was duly introduced at a Regular Meeting of the City Council of the City of Livingston on March 17, 2020, and was regularly passed and adopted by the City Council of the City of Livingston this ____ day of _____, 2020.

AYES:
NOES:
ABSENT:
ABSTAIN:

ANTONIO SILVA, City Clerk
of the City of Livingston

3493028.3

Exhibit A

**Table 28
Five-Year Schedule of Solid Waste Rates**

Service Type	Current	Fiscal Year Ending					
		2020	2021	2022	2023	2024	2025
	<i>New Rates Effective ---></i>	<i>Jan. 2020</i>	<i>Jan. 2021</i>	<i>Jan. 2022</i>	<i>Jan. 2023</i>	<i>Jan. 2024</i>	<i>Jan. 2025</i>
	<i>Rate Increase ---></i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>	<i>5.0%</i>
<i>Rates do not include charges for special services that are scheduled between the customer and provider such as off schedule pick up, container maintenance, and delivery charges.</i>							
SINGLE FAMILY RESIDENTIAL		Once per week pickup					
96 gal. cart	\$25.16	\$23.25	\$24.41	\$25.63	\$26.91	\$28.26	\$29.67
Add'l cart	\$5.97	\$6.14	\$6.44	\$6.77	\$7.10	\$7.46	\$7.83
96 gal. cart greenwaste	\$1.33	\$1.23	\$1.29	\$1.35	\$1.42	\$1.49	\$1.57
Add'l greenwaste cart	\$5.97	\$6.14	\$6.44	\$6.77	\$7.10	\$7.46	\$7.83
MULTI-FAMILY & COMMERCIAL		Once per week pickup					
1 cubic yard container	\$47.36	\$43.77	\$45.96	\$48.26	\$50.67	\$53.21	\$55.87
2 cubic yards container	\$94.41	\$87.25	\$91.61	\$96.19	\$101.00	\$106.05	\$111.35
3 cubic yards container	\$139.86	\$129.26	\$135.72	\$142.51	\$149.63	\$157.12	\$164.97
4 cubic yards container	\$179.04	\$165.45	\$173.72	\$182.41	\$191.53	\$201.11	\$211.16
6 cubic yards container	\$251.71	\$232.62	\$244.25	\$256.47	\$269.29	\$282.75	\$296.89
Organics Bin (New)		\$65.99	\$69.29	\$72.75	\$76.39	\$80.21	\$84.22
Recycle Bins							
4 & 6 cubic yard containers	\$71.41	\$65.99	\$69.29	\$72.75	\$76.39	\$80.21	\$84.22
Commercial Compacting							
3 cubic yards container	n/a	\$449.50	\$471.97	\$495.57	\$520.35	\$546.36	\$573.68
4 cubic yards container	n/a	\$570.15	\$598.66	\$628.59	\$660.02	\$693.02	\$727.67
MULTI-FAMILY & COMMERCIAL		Twice per week pickup					
1 cubic yard container	\$93.90	\$103.52	\$108.70	\$114.14	\$119.84	\$125.83	\$132.13
2 cubic yards container	\$187.14	\$206.32	\$216.64	\$227.47	\$238.84	\$250.79	\$263.32
3 cubic yards container	\$264.56	\$291.68	\$306.26	\$321.57	\$337.65	\$354.54	\$372.26
4 cubic yards container	\$348.86	\$384.62	\$403.85	\$424.04	\$445.24	\$467.51	\$490.88
6 cubic yards container	\$490.40	\$540.67	\$567.70	\$596.08	\$625.89	\$657.18	\$690.04
Organic Bins (New)	n/a	\$131.97	\$138.57	\$145.50	\$152.77	\$160.41	\$168.43
Recycle Bins							
4 & 6 cubic yard containers	n/a	\$131.97	\$138.57	\$145.50	\$152.77	\$160.41	\$168.43
Commercial Compacting							
3 cubic yards container	n/a	\$866.26	\$909.58	\$955.06	\$1,002.81	\$1,052.95	\$1,105.60
4 cubic yards container	n/a	\$1,091.41	\$1,145.98	\$1,203.28	\$1,263.45	\$1,326.62	\$1,392.95
MULTI-FAMILY & COMMERCIAL		Three times per week pickup					
1 cubic yard container	n/a	\$147.32	\$154.69	\$162.42	\$170.54	\$179.07	\$188.02
2 cubic yards container	n/a	\$296.27	\$311.08	\$326.64	\$342.97	\$360.12	\$378.12
3 cubic yards container	\$398.63	\$439.49	\$461.46	\$484.54	\$508.76	\$534.20	\$560.91
4 cubic yards container	\$545.64	\$601.57	\$631.65	\$663.23	\$696.39	\$731.21	\$767.77
6 cubic yards container	\$750.40	\$827.32	\$868.68	\$912.12	\$957.72	\$1,005.61	\$1,055.89
Recycle Bins							
4 & 6 cubic yard containers	n/a	\$263.97	\$277.17	\$291.03	\$305.58	\$320.86	\$336.90
Commercial Compacting							
3 cubic yards container	n/a	\$1,734.27	\$1,820.99	\$1,912.04	\$2,007.64	\$2,108.02	\$2,213.42
4 cubic yards container	n/a	\$2,312.35	\$2,427.96	\$2,549.36	\$2,676.83	\$2,810.67	\$2,951.20

Source: City of Livingston and HEC.

sum

STAFF REPORT

AGENDA ITEM: Approval of Warrant Register dated February 28, 2020

MEETING DATE: March 17, 2020

PREPARED BY: Nancy Fuentes, Sr. Account Clerk

REVIEWED BY: Jose Antonio Ramirez, City Manager

RECOMMENDATION:

Approve warrant register dated February 28, 2020

DISCUSSION:

In accordance with Section 37202 of the Government Code of the State of California there is presented here with a summary of the demands against the City of Livingston covering obligations to be paid during the period of:

February 18, 2020- March 3, 2020

Each demand has been audited and I hereby certify to their accuracy and that there are sufficient funds for their payment as of this date.

**IT IS HEREBY RECOMMENDED THE CITY COUNCIL
APPROVE THE REGISTER OF DEMANDS AS FOLLOWS:**

GENERAL WARRANTS	\$ 586,739.87	1642-1742
PAYROLL/WIRE WARRANTS	\$ 186,176.59	1165-1190
TOTAL WARRANTS	\$ 772,912.46	

ATTACHMENTS:

Accounts payable checks by date, summary by check number register.

Accounts Payable

Checks by Date - Detail by Check Date

User: nfuntes
 Printed: 2/28/2020 12:24 PM



City of Livingston
 1416 C Street
 Livingston, CA 95334

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
1642	abs	ABS Direct, Inc.	02/13/2020	
	84895	Delinquent Letters for February 2020		51.44
	84895	Delinquent Letters for February 2020		51.44
	84895	Delinquent Letters for February 2020		51.44
Total for Check Number 1642:				154.32
1643	BANKCARE	Bank of America Business Card	02/13/2020	
	AC001	SB1383 lunch meeting J.H.,Connie and Anthony		43.55
	AC002	Public works Officers Institute & Expo/ Tony Av		187.50
	AC002	Public works Officers Institute & Expo/ Tony Av		62.50
	AC002	Public works Officers Institute & Expo/ Tony Av		187.50
	AC002	Public works Officers Institute & Expo/ Tony Av		187.50
	AC003	Public works Officers Institute & Expo/ Anthony		156.25
	AC003	Public works Officers Institute & Expo/ Anthony		93.75
	AC003	Public works Officers Institute & Expo/ Anthony		137.50
	AC003	Public works Officers Institute & Expo/ Anthony		18.75
	AC003	Public works Officers Institute & Expo/ Anthony		156.25
	AC003	Public works Officers Institute & Expo/ Anthony		62.50
	AC004	Waste Water Treatment Exam Grade2 for JC DW		66.66
	CS001	Uniform CLeaning/ Captain		12.24
	DS001	Uniform Cleaning/ Captain		12.03
	DS002	Rifle sight repair		56.85
	DS003	Toll violation/ training		26.00
	DS004	Membership International Assoc. Property & Ev.		50.00
	DS005	Membership International Assoc. Property & Ev.		50.00
	DS006	Firearm repair equipment		120.92
	DS007	Uniform Cleaning Captain		12.24
	DS008	Department Membership		125.00
	DS009	Power Inverter Replacement for Blue Honda		3,462.18
	HB001	19thAnnual Land Use, Real Estate& Env.Law U		95.00
	HB002	League of CA Cities 2020 Planning Commission		625.00
	HB003	Finance Director CSMFO Registration		485.00
	HB004	Finance Director CSMFO Municipal		110.00
	HB005	Finance Director's Keyboard and Ergo Mouse		194.15
	HB006	Door Sign for Finance Director and HR		52.10
	HB007	Wireless Keyboard and Mouse Combo		0.17
	HB007	Wireless Keyboard and Mouse Combo		0.57
	HB007	Wireless Keyboard and Mouse Combo		1.51
	HB007	Wireless Keyboard and Mouse Combo		16.81
	HB007	Wireless Keyboard and Mouse Combo		0.29
	HB007	Wireless Keyboard and Mouse Combo		5.25
	HB007	Wireless Keyboard and Mouse Combo		0.06
	HB007	Wireless Keyboard and Mouse Combo		0.53
	HB007	Wireless Keyboard and Mouse Combo		5.25
	HB007	Wireless Keyboard and Mouse Combo		0.03
	HB007	Wireless Keyboard and Mouse Combo		0.59
	HB007	Wireless Keyboard and Mouse Combo		0.05
	HB007	Wireless Keyboard and Mouse Combo		0.23

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
HB007		Wireless Keyboard and Mouse Combo		1.05
HB007		Wireless Keyboard and Mouse Combo		0.25
HB007		Wireless Keyboard and Mouse Combo		1.05
HB007		Wireless Keyboard and Mouse Combo		2.62
HB007		Wireless Keyboard and Mouse Combo		0.23
HB007		Wireless Keyboard and Mouse Combo		0.01
HB007		Wireless Keyboard and Mouse Combo		0.45
HB007		Wireless Keyboard and Mouse Combo		0.18
HB007		Wireless Keyboard and Mouse Combo		0.03
HB007		Wireless Keyboard and Mouse Combo		0.28
HB007		Wireless Keyboard and Mouse Combo		0.33
HB007		Wireless Keyboard and Mouse Combo		0.03
HB007		Wireless Keyboard and Mouse Combo		0.18
HB007		Wireless Keyboard and Mouse Combo		0.31
HB007		Wireless Keyboard and Mouse Combo		0.05
HB007		Wireless Keyboard and Mouse Combo		0.47
HB007		Wireless Keyboard and Mouse Combo		0.29
HB007		Wireless Keyboard and Mouse Combo		0.21
HB007		Wireless Keyboard and Mouse Combo		0.35
HB007		Wireless Keyboard and Mouse Combo		0.08
HB007		Wireless Keyboard and Mouse Combo		0.02
HB007		Wireless Keyboard and Mouse Combo		0.63
HB007		Wireless Keyboard and Mouse Combo		0.55
HB007		Wireless Keyboard and Mouse Combo		0.42
HB007		Wireless Keyboard and Mouse Combo		0.30
HB007		Wireless Keyboard and Mouse Combo		0.09
HB007		Wireless Keyboard and Mouse Combo		2.63
HB007		Wireless Keyboard and Mouse Combo		0.66
HB007		Wireless Keyboard and Mouse Combo		0.07
HB007		Wireless Keyboard and Mouse Combo		5.25
HB007		Wireless Keyboard and Mouse Combo		0.39
HB007		Wireless Keyboard and Mouse Combo		0.20
HB007		Wireless Keyboard and Mouse Combo		0.13
HB007		Wireless Keyboard and Mouse Combo		0.02
HB007		Wireless Keyboard and Mouse Combo		0.23
HB007		Wireless Keyboard and Mouse Combo		0.03
HB007		Wireless Keyboard and Mouse Combo		0.10
HB007		Wireless Keyboard and Mouse Combo		0.72
HB007		Wireless Keyboard and Mouse Combo		0.28
HB007		Wireless Keyboard and Mouse Combo		0.01
HB008		Acrobat Pro Subs Adobe		24.99
HB009		Happy's CSMFO Membership		110.00
JB001		Coach Appreciation		61.63
JB002		Coach Appreciation Gifts/Basketball		43.76
JR001		Easystore Portable Drive		118.76
JR002		Meeting with Finance Director and orientation b		38.58
JR003		2020 California State Advocacy Day		50.00
JR004		Flowers for Linda Gouveia		62.49
JR005		Utility Rates Workshop		7.00
JR005		Utility Rates Workshop		7.00
JR005		Utility Rates Workshop		7.00
JR006		Homelessness Summit		82.91
MA001		Cal/Nena Conference/ Arevalo & Soria		900.00
MA002		Cal/Nena Conference/ Arevalo & Soria		293.10
RC001		HDMI VGI Cable		26.93
RC002		Chief Workshop		534.27
RC003		Vehicle maintenance plan		650.00
TA001		Amazon Prime Membership Fee/ PW		14.00
TA002		DOT Medical Exams for KK/AC DWWTP-Med		7.60

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	TA003	Medical Exam for DOT Class A- AC, Class B-K		7.60
	TA004	Nitrate Gloves/ Water & Sewer small tools and e		45.85
	TA004	Nitrate Gloves/ Water & Sewer small tools and e		45.85
	TA005	D3 Water app. for T. Mejia water-dues/ Member		90.00
	TA006	D3 Water app. for T. Mejia water-dues/ Member		2.07
	TA007	Postage State Report for Water Dept.		8.20
	TA008	Dewalt 200 Combo Tool Kit		21.37
	TA008	Dewalt 200 Combo Tool Kit		9.16
	TA008	Dewalt 200 Combo Tool Kit		3.91
	TA008	Dewalt 200 Combo Tool Kit		15.36
	TA008	Dewalt 200 Combo Tool Kit		10.82
	TA008	Dewalt 200 Combo Tool Kit		29.69
	TA008	Dewalt 200 Combo Tool Kit		12.54
	TA008	Dewalt 200 Combo Tool Kit		3.71
	TA008	Dewalt 200 Combo Tool Kit		14.37
	TA008	Dewalt 200 Combo Tool Kit		1.00
	TA008	Dewalt 200 Combo Tool Kit		9.32
	TA008	Dewalt 200 Combo Tool Kit		1.33
	TA008	Dewalt 200 Combo Tool Kit		0.74
	TA008	Dewalt 200 Combo Tool Kit		6.49
	TA008	Dewalt 200 Combo Tool Kit		35.47
	TA008	Dewalt 200 Combo Tool Kit		19.82
	TA008	Dewalt 200 Combo Tool Kit		76.23
	TA008	Dewalt 200 Combo Tool Kit		1.45
	TA008	Dewalt 200 Combo Tool Kit		53.17
	TA008	Dewalt 200 Combo Tool Kit		11.73
	TA008	Dewalt 200 Combo Tool Kit		15.81
	TA008	Dewalt 200 Combo Tool Kit		4.49
	TA008	Dewalt 200 Combo Tool Kit		22.53
	TA008	Dewalt 200 Combo Tool Kit		2.34
	TA008	Dewalt 200 Combo Tool Kit		14.44
	TA008	Dewalt 200 Combo Tool Kit		0.31
	TA009	Concrete Saw Blades- Water & DWWTP Small		188.43
	TA009	Concrete Saw Blades- Water & DWWTP Small		188.42
	TA010	Dewalt Combo Kit Compact 6-Tool		198.80
	TA010	Dewalt Combo Kit Compact 6-Tool		198.80
	TA011	Surge Protector- PWS Small Tools & Equip		81.88
	TA012	Lunch meeting with streets staff		46.33
	TA013	Back up batteries for Well 13 & 15		136.76
	TA014	Amazon Prime Membership for Art R.		14.00
	TA015	D3 app. & letters for SWRCB		7.00
			Total for Check Number 1643:	11,599.05
1644	familyisu	California State	02/13/2020	
	Held 02/08/20	Case 0993764321-01 Mejia PR ending 02/08/20		369.23
	Held 02/08/2020	200000000434371 & 200000001251470 PR End		512.76
	Held 2/8/20	200000000470014/FIPS Code 0600099 PR Endi		1,484.30
			Total for Check Number 1644:	2,366.29
1645	FINANCED	City of Livingston change/petty cash	02/13/2020	
	001	9V Battery for safe in vault		9.69
	002	Coffee for City Hall		89.97
	003	Coffee for City Hall		87.97
	004	Toll Bridge Fee Danna San Mateo		6.00
	005	Employee of the Qtr Name Plate		16.18
	006	Mural- 3D Butterfly Decor		116.38
	007	Return Ipad for Council Memeber		11.70
	008	Danna RMA Qtrly Meeting on 10/25/2019 Miles		103.55

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	009	Staff Meeting Luncheon		89.33
	010	Thank you gift cards		52.13
	011	Lunch for Mexican Consulate		33.00
	012	Notary for LFA Properties Amendment		15.00
	013	Thank you Gift Cards		26.07
Total for Check Number 1645:				656.97
1646	EsquivLe	Leticia Esquivel	02/13/2020	
	001	Full Refund for Walnut Rental 02/29/2020		150.00
	001a	Full Refund for Walnut Rental 02/29/2020		200.00
Total for Check Number 1646:				350.00
1647	gouveia	Gouveia Engineering Inc.	02/13/2020	
	9743	Encroachment Permit		1,237.37
	9743	Encroachment Permit		1,913.37
	9744	Well Permits		52.50
	9745	Grading Permit		246.00
	9745	Grading Permit		1,481.00
	9746	Dir Project Reporting Trane Project		13.38
	9746	Dir Project Reporting Well 16		66.94
	9746	Dir Project Reporting Trane Project		13.38
	9746	Dir Project Reporting Trane Project		13.42
	9746	Dir Project Reporting Peach Ave & Winton Park		44.63
	9746	Dir Project Reporting Trane Project		13.38
	9746	Dir Project Reporting Trane Project		13.38
	9747	Misc Meeting- Mario Gouveia & City Manager		70.88
	9747	Misc Meeting- Mario Gouveia & City Manager		70.88
	9747	Misc Meeting- Mario Gouveia & City Manager		70.87
	9749	Planning General		566.25
	9749	Planning General		405.00
	9750	Bassi Car Wash/Restaurant		567.00
	9751	Padilla Auto Sales		35.44
	9752	PW General- MCAG Approval of Measure V		78.43
	9752	PW General- PW Director conference call SB1 &		280.90
	9752	Public Works General- Review Traffic Control P		275.90
	9752	Public Works General- Conference call with PW		280.90
	9753	2020 CDBG Sewer Line Replacement -Design,P		103,200.00
	9755	MS4 Compliance		156.48
	9755	MS4 Compliance		388.98
	9756	Water General		378.00
	9756	Water General		3,028.67
	9757	Water Conservation Reporting		1,512.00
	9758	TCP Treatment Wells 14 & 16		7,848.75
	9759	Streets General Traffic Committee Meeting		141.75
	9760	CML-5226 (015) Roundabout Main & B		289.70
	9761	Winton Parkaway SB Hwy 99 on Ramp		14,287.88
	9762	CML-5256 (018) Phase 1 Alley Paving		222.90
	9763	CML-5256 (019) Phase 2 Alley Paving		983.66
	9764	Sun Valley Estates Con- Management		35.44
	9765	Foster Farms Plant Exp Con Management		699.56
	9766	Foster Farms Lab Con Management		354.38
	9767	Commons Building B		3,052.51
Total for Check Number 1647:				144,391.86
1648	hansford	Hansford Economic Consulting	02/13/2020	
	114	Utility Rate Studies 2019		2,111.66
	114	Utility Rate Studies 2019		2,111.67

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	114	Utility Rate Studies 2019		2,111.67
			Total for Check Number 1648:	6,335.00
1649	LRClub Young Womens Co	Livingston Rotary Club Young Women's Conference Sponsorship	02/13/2020	500.00
			Total for Check Number 1649:	500.00
1650	SWRCB1 JARNOLD01	SWRCB- Wastewater Operator Certification Jeff Arnold Grade I Wastewater Treatment Plant	02/13/2020	120.00
			Total for Check Number 1650:	120.00
			Total for 2/13/2020:	166,473.49
1651	att1 287277171264x02 287277171264x02 287277171264x02 287277171264x02 287277171264x02 287277171264x02	AT&T Mobility City Managers Cell Phone Service Council Member Garcia Cell Phone Service Council Member Kang Cell Phone Service City Managers Cell Phone Service City Managers Cell Phone Service City Managers Cell Phone Service	02/19/2020	21.74 76.88 76.90 21.74 21.74 38.30
			Total for Check Number 1651:	257.30
1652	Brilliant 001	Brilliant Lounge Cocktail Tables,Spandex Linens and Centerpiece	02/19/2020	435.00
			Total for Check Number 1652:	435.00
1653	TRUEVAL B679951 B679967 B680079 B680092 B680205 B680485 C209326 C209709 C209856 C209875 C209950 C209950 C210354 C210376 C210376 C210526 C210555 C210667 C211120 C211137 C211191 C211208 C211239 C211267 C211314 C211346 C211377 C211796	Livingston True Value hardware supplies Bit Socket PW sm. tools and equip. Hardware supplies for wells Grey Prime enamel for streets Lock for toilet paper dispenser- Memorial Park Fabric pen SQ BX Cover Construction adhesive PVC cement, elbows conduct materials for F.F. 1 Material for F. F. Fow meter @well #8 sewer/ water brick breaker sewer/ water brick breaker Breaker for museum Mural lights Breaker for museum Mural lights return circuit breaker mural Keys for park locks Parts for meter repair Painting Touch up on Generators Plumbing hardware Materials for water leak in F st Parts for water leak on F st Gloves Supplies for Well 16 repair Battery for BAs Keys for the gun range Hardware for sewer Supplies for I & 2nd Street Gold Spray paint for PW shop	02/19/2020	8.79 8.61 31.16 7.52 17.92 16.10 1.87 2.47 30.04 3.47 64.11 64.11 11.62 33.32 -10.78 4.29 3.01 3.53 8.02 22.89 7.09 27.45 150.70 42.29 12.87 9.76 52.50 8.07

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	C211831	Paint for monitoring wells		38.75
	C211839	Stone tile refill for city hall		58.16
	C211852	Sign project- unveilling of sign		53.13
	C211878	Welding rod for repair		169.57
	C211880	Acetone for DWWTP		10.76
	C211891	No smoling sign court park		1.85
	C211960	Hardware for water leak repair		20.48
	C211996	Supplies for monitoring wells		4.27
Total for Check Number 1653:				999.77
1654	Lowe's 902646	Lowe's Light bulbs to replace at walnut center	02/19/2020	112.69
Total for Check Number 1654:				112.69
1655	LIVFARM	Valley Farm Supply Stores Inc.	02/19/2020	
	OFF1L147074	Hardware for monitoring wells		13.12
	OFF1L175197	Oil mix for sundance		60.33
	OFF1L175302	Parts for LMDS		0.28
	OFF1L175302	Parts for LMDS		0.18
	OFF1L175302	Parts for LMDS		1.20
	OFF1L175302	Parts for LMDS		0.06
	OFF1L175302	Parts for LMDS		0.34
	OFF1L175302	Parts for LMDS		1.51
	OFF1L175302	Parts for LMDS		1.09
	OFF1L175302	Parts for LMDS		0.10
	OFF1L175302	Parts for LMDS		0.95
	OFF1L175302	Parts for LMDS		0.82
	OFF1L175302	Parts for LMDS		0.49
	OFF1L175302	Parts for LMDS		1.17
	OFF1L175302	Parts for LMDS		1.62
	OFF1L175302	Parts for LMDS		0.89
	OFF1L175302	Parts for LMDS		0.11
	OFF1L175302	Parts for LMDS		1.71
	OFF1L175302	Parts for LMDS		0.70
	OFF1L175302	Parts for LMDS		0.71
	OFF1L175302	Parts for LMDS		2.26
	OFF1L175302	Parts for LMDS		5.79
	OFF1L175302	Parts for LMDS		0.08
	OFF1L175302	Parts for LMDS		0.02
	OFF1L175302	Parts for LMDS		1.10
	OFF1L175302	Parts for LMDS		4.04
	OFF1L175302	Parts for LMDS		2.70
	OFF1L175302	Parts for LMDS		0.30
	OFF1L175304	Parts for LMDS		0.82
	OFF1L175304	Parts for LMDS		0.52
	OFF1L175304	Parts for LMDS		1.23
	OFF1L175304	Parts for LMDS		0.45
	OFF1L175304	Parts for LMDS		0.03
	OFF1L175304	Parts for LMDS		0.60
	OFF1L175304	Parts for LMDS		0.94
	OFF1L175304	Parts for LMDS		0.60
	OFF1L175304	Parts for LMDS		0.06
	OFF1L175304	Parts for LMDS		0.04
	OFF1L175304	Parts for LMDS		3.17
	OFF1L175304	Parts for LMDS		0.38
	OFF1L175304	Parts for LMDS		0.64
	OFF1L175304	Parts for LMDS		0.39
	OFF1L175304	Parts for LMDS		2.21

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	OFF1L175304	Parts for LMDS		0.49
	OFF1L175304	Parts for LMDS		1.47
	OFF1L175304	Parts for LMDS		0.15
	OFF1L175304	Parts for LMDS		0.19
	OFF1L175304	Parts for LMDS		0.66
	OFF1L175304	Parts for LMDS		0.16
	OFF1L175304	Parts for LMDS		0.89
	OFF1L175304	Parts for LMDS		0.27
	OFF1L175304	Parts for LMDS		0.01
	OFF1L175304	Parts for LMDS		0.10
	OFF1L175304	Parts for LMDS		0.06
	OFF1L175403	Paint brushes for Punjabi Figure		23.88
	OFF1L175436	Riser for irrigation repair		2.10
	OFF1L175443	Fuel Tank for blower		0.04
	OFF1L175443	Fuel Tank for blower		1.94
	OFF1L175443	Fuel Tank for blower		1.18
	OFF1L175443	Fuel Tank for blower		6.72
	OFF1L175443	Fuel Tank for blower		0.18
	OFF1L175443	Fuel Tank for blower		0.82
	OFF1L175443	Fuel Tank for blower		2.85
	OFF1L175443	Fuel Tank for blower		0.47
	OFF1L175443	Fuel Tank for blower		1.16
	OFF1L175443	Fuel Tank for blower		0.49
	OFF1L175443	Fuel Tank for blower		1.59
	OFF1L175443	Fuel Tank for blower		2.70
	OFF1L175443	Fuel Tank for blower		0.30
	OFF1L175443	Fuel Tank for blower		3.75
	OFF1L175443	Fuel Tank for blower		0.57
	OFF1L175443	Fuel Tank for blower		1.82
	OFF1L175443	Fuel Tank for blower		9.63
	OFF1L175443	Fuel Tank for blower		0.09
	OFF1L175443	Fuel Tank for blower		1.48
	OFF1L175443	Fuel Tank for blower		1.37
	OFF1L175443	Fuel Tank for blower		0.17
	OFF1L175443	Fuel Tank for blower		2.00
	OFF1L175443	Fuel Tank for blower		2.50
	OFF1L175443	Fuel Tank for blower		4.47
	OFF1L175443	Fuel Tank for blower		1.82
	OFF1L175443	Fuel Tank for blower		0.13
	OFF1L175450	Bolts for trimmer		5.81
	OFF1L175508	2.5 Gallon bucket		10.75
	OFF1L175559	Materials and tool for clay valve at well 12		38.94
	OFF1L175589	Tools to outfit truck		16.04
	OFF1L175589	Tools to outfit truck		2.93
	OFF1L175589	Tools to outfit truck		11.52
	OFF1L175589	Tools to outfit truck		8.12
	OFF1L175589	Tools to outfit truck		16.90
	OFF1L175589	Tools to outfit truck		26.62
	OFF1L175589	Tools to outfit truck		0.75
	OFF1L175589	Tools to outfit truck		22.28
	OFF1L175589	Tools to outfit truck		2.79
	OFF1L175589	Tools to outfit truck		6.99
	OFF1L175589	Tools to outfit truck		11.86
	OFF1L175589	Tools to outfit truck		8.80
	OFF1L175589	Tools to outfit truck		3.37
	OFF1L175589	Tools to outfit truck		9.41
	OFF1L175589	Tools to outfit truck		57.20
	OFF1L175589	Tools to outfit truck		10.78
	OFF1L175589	Tools to outfit truck		4.87

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	OFF1L175589	Tools to outfit truck		14.87
	OFF1L175589	Tools to outfit truck		1.00
	OFF1L175589	Tools to outfit truck		1.76
	OFF1L175589	Tools to outfit truck		39.89
	OFF1L175589	Tools to outfit truck		1.09
	OFF1L175589	Tools to outfit truck		0.23
	OFF1L175589	Tools to outfit truck		0.56
	OFF1L175589	Tools to outfit truck		10.84
	OFF1L175589	Tools to outfit truck		6.87
	OFF1L175594	Mix fuel for all LMDs		1.78
	OFF1L175594	Mix fuel for all LMDs		1.64
	OFF1L175594	Mix fuel for all LMDs		2.33
	OFF1L175594	Mix fuel for all LMDs		5.40
	OFF1L175594	Mix fuel for all LMDs		0.59
	OFF1L175594	Mix fuel for all LMDs		2.18
	OFF1L175594	Mix fuel for all LMDs		0.05
	OFF1L175594	Mix fuel for all LMDs		8.07
	OFF1L175594	Mix fuel for all LMDs		0.56
	OFF1L175594	Mix fuel for all LMDs		11.56
	OFF1L175594	Mix fuel for all LMDs		3.24
	OFF1L175594	Mix fuel for all LMDs		3.42
	OFF1L175594	Mix fuel for all LMDs		4.50
	OFF1L175594	Mix fuel for all LMDs		1.41
	OFF1L175594	Mix fuel for all LMDs		0.11
	OFF1L175594	Mix fuel for all LMDs		0.20
	OFF1L175594	Mix fuel for all LMDs		2.19
	OFF1L175594	Mix fuel for all LMDs		0.15
	OFF1L175594	Mix fuel for all LMDs		2.40
	OFF1L175594	Mix fuel for all LMDs		0.98
	OFF1L175594	Mix fuel for all LMDs		0.68
	OFF1L175594	Mix fuel for all LMDs		3.01
	OFF1L175594	Mix fuel for all LMDs		0.36
	OFF1L175594	Mix fuel for all LMDs		1.39
	OFF1L175594	Mix fuel for all LMDs		0.22
	OFF1L175594	Mix fuel for all LMDs		1.90
	OFF1L175765	Batteries for Council chambers restroom		14.63
	OFF1L175774	Fitting for hoses		23.75
	OFF1L175776	Weed sprayer		19.36
	OFF1L175802	Pitch fork		38.78
	OFF1L175829	Materials for water leak on F st		20.67
	OFF1L175843	Water leak Repair		40.46
	OFF1L175872	Water leak repair		-24.97
	OFF1L175873	Well equipment repair		10.76
	OFF1L175896	Keys for the gun range		7.73
	OFF1L175948	Gloves for trucks		8.08
	OFF1L175948	Gloves for trucks		8.08
	OFF1L175964	Chemical Suits for Pesticide		0.49
	OFF1L175964	Chemical Suits for Pesticide		1.53
	OFF1L175964	Chemical Suits for Pesticide		0.31
	OFF1L175964	Chemical Suits for Pesticide		2.59
	OFF1L175964	Chemical Suits for Pesticide		1.64
	OFF1L175964	Chemical Suits for Pesticide		52.00
	OFF1L175964	Chemical Suits for Pesticide		2.07
	OFF1L175964	Chemical Suits for Pesticide		1.22
	OFF1L175964	Chemical Suits for Pesticide		0.59
	OFF1L175964	Chemical Suits for Pesticide		2.80
	OFF1L175964	Chemical Suits for Pesticide		0.17
	OFF1L175964	Chemical Suits for Pesticide		0.13
	OFF1L175964	Chemical Suits for Pesticide		2.01

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	OFF1L175964	Chemical Suits for Pesticide		1.89
	OFF1L175964	Chemical Suits for Pesticide		0.51
	OFF1L175964	Chemical Suits for Pesticide		1.88
	OFF1L175964	Chemical Suits for Pesticide		2.95
	OFF1L175964	Chemical Suits for Pesticide		0.19
	OFF1L175964	Chemical Suits for Pesticide		1.20
	OFF1L175964	Chemical Suits for Pesticide		4.62
	OFF1L175964	Chemical Suits for Pesticide		0.10
	OFF1L175964	Chemical Suits for Pesticide		3.88
	OFF1L175964	Chemical Suits for Pesticide		9.97
	OFF1L175964	Chemical Suits for Pesticide		52.00
	OFF1L175964	Chemical Suits for Pesticide		1.42
	OFF1L175964	Chemical Suits for Pesticide		52.92
	OFF1L175964	Chemical Suits for Pesticide		0.04
	OFF1L175964	Chemical Suits for Pesticide		6.95
	OFF1L175964	Chemical Suits for Pesticide		0.85
	OFF1L175975	Materials for Monitoring wells		8.60
	OFF1L175976	fliters for round-up sprayer		4.26
	OFF1L175992	Repair kits for sprayer pump & lube		124.51
	OFF1L176015	parts tp repair sprayer		32.29
	OFF1L176072	Hardware for monitoring wells		50.35
	OFF1L176099	primer for monitoring wells		7.54
	OFF1L176155	hardware LMD		1.40
	OFF2L146764	Fuel Mix		43.08
	OFF2L146822	Marking Paint		7.10
	OFF2L146826	Chain for chain saw		64.74
	OFF2L146886	chainsaw chain sharpened		5.95
	OFF2L146893	Pitch fork		75.41
	OFF2L146959	Stihl chain for tree trimming		53.88
	OFF2L146965	Marking Paint for Flag Pole Area		2.16
	OFF2L147079	Hardware for monitoring wells		1.19
	OFF2L147086	Parts for monitoring wells		37.01
	OFF2L147095	adapter & drill bit - monitoring wells		16.75
			Total for Check Number 1655:	1,523.05
			Total for 2/19/2020:	3,327.81
1656	A&APORTA 114-9844681 114-9848466	A & A Portables, a United Site Services Co Wash station for Court park portables Portables for Court Park	02/28/2020	204.29 222.90
			Total for Check Number 1656:	427.19
1657	A1A 24102	A-1-A/Preston's Lock Shop Keys for Wells	02/28/2020	43.30
			Total for Check Number 1657:	43.30
1658	abs 122237 122237 122237	ABS Direct, Inc. Prop 218 2nd Worshop notice in February 2020 Prop 218 2nd Worshop notice in February 2020 Prop 218 2nd Worshop notice in February 2020	02/28/2020	315.31 315.32 315.32
			Total for Check Number 1658:	945.95
1659	ASI 173305	Administrative Solutions Inc PR Batch 00011.01.2020 ASI Feb 2020 Fees	02/28/2020 PR Batch 00011.01.2020 ASI	30.00 20.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	173305	Feb 2020 Fees		10.00
	173305	Feb 2020 Fees		10.00
Total for Check Number 1659:				70.00
1660	Alert-O 0058173-IN	Alert-O-Lite Inc. Warning MAT Measure "V" Stock	02/28/2020	923.20
Total for Check Number 1660:				923.20
1661	ALHAMBR/ 14663340 0207	Alhambra & Sierra Springs Pw drinking water 01/09-20-01/23/20	02/28/2020	43.61
Total for Check Number 1661:				43.61
1662	AFAFLEX	American Fidelity Assurance Company PR Batch 00008.02.2020 Health FSA	02/28/2020 PR Batch 00008.02.2020 Hea	195.82
Total for Check Number 1662:				195.82
1663	AFSCME 002-01	AFSCME District Council 57 Attn: Finance Union Dues PR 01/25 & 02/08/20	02/28/2020	719.68
Total for Check Number 1663:				719.68
1664	bavco 938853	Backflow Apparatus & Valve Co. Parts for backflow repairs	02/28/2020	565.62
Total for Check Number 1664:				565.62
1665	belkorp 613989	Belkorp Ag, LLC Pulley & belt streets	02/28/2020	127.56
Total for Check Number 1665:				127.56
1666	BESTELEC 3565	Best Electric Proposal #081219-3 (rebuild (3) 1500 watt fixtur	02/28/2020	3,866.00
Total for Check Number 1666:				3,866.00
1667	bsk AD02068 AD02295 AD02298 AD02411 AD02412 AD02502 AD02719 AD02933 AD02937 AD03257	BSK Associates Arsenic CA DW ICPMS UCMRA AM1 Package Distribution package & raw water package Quanti-Tray 2000 Coliform & E. Coli R-1 Samp Quanti-Tray 2000 Coliform & E. Coli R-1 Samp Arsenic CA DW ICPMS Quanti-Tray 2000 Coliform & E. Coli R-1 Samp Arsenic CA DW ICPMS TCP Low level Quanti tray 2000 Coliform & E. Coli & R1 Sam	02/28/2020	80.00 5,400.00 1,085.00 225.00 150.00 130.00 150.00 80.00 875.00 150.00
Total for Check Number 1667:				8,325.00
1668	UB*01900	CABRAL TRUCKING, INC. Refund Check 108505-000, 2376 WALNUT AV	02/28/2020	94.77
Total for Check Number 1668:				94.77
1669	FAMILYSU Held 02/22/20 Held 02/22/2020	California State 200000000434371 & 200000001251470 PR End Case 0993764321-01 Mejia PR Ending 02/22/20	02/28/2020	512.76 369.23

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	Held 2/22/20	200000000470014/FIPS Code 0600099 PR Endi		1,484.30
	Held 2/22/2020	Aguilar 0999010753-01 PP ending 02/22/2020		133.11
			Total for Check Number 1669:	2,499.40
1670	CALTRAFF 19592	Cal-Traffic Street Signs	02/28/2020	719.61
			Total for Check Number 1670:	719.61
1671	CarriMar 001 001a	Martha Carrillo Park Deposit Refund Max foster 03/06/2020- C: Park Rental Refund Max foster 03/06/2020- Car	02/28/2020	150.00 45.00
			Total for Check Number 1671:	195.00
1672	CVC 128408	Central Valley Concrete Inc. First & I St Sidewalk (Measure V)	02/28/2020	1,203.94
			Total for Check Number 1672:	1,203.94
1673	depfores 001	Department of Forestry and Fire Protection 1 crew day worked at WWTF	02/28/2020	224.58
			Total for Check Number 1673:	224.58
1674	CALJUST 431134	Department of Justice- Accounting Office Live scan	02/28/2020	400.00
			Total for Check Number 1674:	400.00
1675	DONS ITUR378780 WTUR383871	Don's Mobile Glass Broken windshield replace Windshield repair PD Vehicle	02/28/2020	649.00 568.00
			Total for Check Number 1675:	1,217.00
1676	EcheVane 002	Vanessa Belen Echevarria Contract Class payment for the month of Feb 20:	02/28/2020	374.79
			Total for Check Number 1676:	374.79
1677	SANJOAQ 90095641 90095642	Ernest Packaging Solutions Toilet cleaner for all parks Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can Liners, bath tissue, can liners gloves for all c Can liners bath tissue Gloves for all dept Can Liners, bath tissue, can liners gloves for all c Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can liners bath tissue Gloves for all dept Can Liners, bath tissue, can liners gloves for all c	02/28/2020	72.52 7.58 0.80 1.42 0.88 0.45 5.53 0.60 240.05 17.94 240.19 0.19 3.92 7.09 21.42 6.54 9.28 5.61 239.96

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	90095642	Can liners bath tissue Gloves for all dept		32.12
	90095642	Can liners bath tissue Gloves for all dept		11.97
	90095642	Can liners bath tissue Gloves for all dept		13.61
	90095642	Can liners bath tissue Gloves for all dept		2.71
	90095642	Can liners bath tissue Gloves for all dept		8.72
	90095642	Can liners bath tissue Gloves for all dept		9.55
	90095642	Can liners bath tissue Gloves for all dept		2.24
	90095642	Can liners bath tissue Gloves for all dept		2.46
	90095642	Can liners bath tissue Gloves for all dept		8.68
	90095642	Can liners bath tissue Gloves for all dept		12.91
	90095642	Can Liners, bath tissue, can liners gloves for all c		240.19
	90095642	Can liners bath tissue Gloves for all dept		46.05
	90095642	Can Liners, bath tissue, can liners gloves for all c		240.19
	90095643	Toilet cleaner for all parks		46.87
			Total for Check Number 1677:	1,560.24
1678	FBI-LEED 42384030-20	FBI-LEEDA FBI Membership	02/28/2020	50.00
			Total for Check Number 1678:	50.00
1679	fedex 2 6-935-42090	FedEx Express Mailing for SWR JA Certification`	02/28/2020	31.11
			Total for Check Number 1679:	31.11
1680	FergMode 1519658 1527057	Ferguson Waterworks Measure V 1st & I street sidewlak curb and gutte Measure V 1st & I street grate cover storm drain	02/28/2020	337.68 198.05
			Total for Check Number 1680:	535.73
1681	Flender 572D 0507934725 572D 0507934725 572D 0507934725	Flender Corp Quotation #Q1965567 (1-Double change-over fi Quotation #Q1965567 (4-Filter elements) Quotation #Q1965567 (1- Seal kit)	02/28/2020	2,667.00 2,040.99 33.00
			Total for Check Number 1681:	4,740.99
1682	fosterpu 15253 15254	Foster's Pumps Discharge Spool for flow meter well 8 Trouble shoot electrical motor @ well 12	02/28/2020	1,152.70 217.50
			Total for Check Number 1682:	1,370.20
1683	frantz 215171 215327 215407	Frantz Wholesale Nursery, LLC Landscaping Renovation in Sundance Roundabo 50 Pole Stakes for Monte Cristo 2 4 crape myrtle trees for renovation somerset	02/28/2020	932.04 242.44 206.88
			Total for Check Number 1683:	1,381.36
1684	frontier 2093942067-0320 2093943344-0320 2093943954-0320 2093947919-0320 2093947966-0320 2093948041-0320 2093948041-0320 2093948041-0320	Frontier Child development phone service PW Phone Services 02/15-03/14 Senior Center Phone Services 02/15-03/14 Fire Dept Phone Services 02/15-03/14 DWWTP Phone Services 02/15-03/14 City Main Phone Services 02/15-03/14 Fiber Optic Services 02/15-03/14 Fiber Optic Services 02/15-03/14	02/28/2020	64.95 310.45 67.24 116.82 234.59 198.27 99.15 163.81

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	2093948041-0320	City Main Phone Services 02/15-03/14		36.05
	2093948041-0320	Fiber Optic Services 02/15-03/14		120.69
	2093948041-0320	Fiber Optic Services 02/15-03/14		415.27
	2093948041-0320	Fiber Optic Services 02/15-03/14		99.15
	2093948041-0320	Fiber Optic Services 02/15-03/14		56.04
	2093948041-0320	Fiber Optic Services 02/15-03/14		163.81
	2093948041-0320	City Main Phone Services 02/15-03/14		74.73
	2093948041-0320	City Main Phone Services 02/15-03/14		13.82
	2093948041-0320	City Main Phone Services 02/15-03/14		36.05
	2093948041-0320	Fiber Optic Services 02/15-03/14		99.15
	2093948041-0320	City Main Phone Services 02/15-03/14		329.92
	2093948041-0320	City Main Phone Services 02/15-03/14		54.06
	2093948041-0320	Fiber Optic Services 02/15-03/14		163.81
	2093948041-0320	Fiber Optic Services 02/15-03/14		56.04
	2093948044-0320	PW Phone Services 02/15-03/14		106.85
			Total for Check Number 1684:	3,080.72
1685	frontie2 0569Z005-S-2003	Frontier Communications Corp Frontier Co Radio Connection Fees	02/28/2020	151.32
			Total for Check Number 1685:	151.32
1686	GARZA 900934	Garza Tire & Wheel Inc. Tire for Captains Car PD	02/28/2020	107.13
			Total for Check Number 1686:	107.13
1687	GILTON 032020 120356 120724 120725 120726	Gilton Solid Waste Sanitation Contract Services for Feb1- Feb 29, 20 14960 Vinewood green waste & box rental l 14960 Vinewood D/L pick up and box rental 14960 Vinewood Trash pick up and Box rental Corpyard trash and box rental pick up	02/28/2020	83,615.06 104.00 2,719.70 1,556.00 642.35
			Total for Check Number 1687:	88,637.11
1688	HerAnton 001	Antonio Hernandez Walnut Center Deposit Refund 02/15/20	02/28/2020	150.00
			Total for Check Number 1688:	150.00
1689	hilmarr 10012	Hilmar Ready Mix Rockery Cement redo around man holes on B st	02/28/2020	144.39
			Total for Check Number 1689:	144.39
1690	Hinojjoz 001	Daniel Hinojjoz Walnut center deposit refund	02/28/2020	150.00
			Total for Check Number 1690:	150.00
1691	HOFFMAN 462615 462616 462617 462618 462619 462620	Hoffman Security, Inc. Security System for Daycare Center 03/01-03/31 Security System for Concession stand 03/01/20-03/31/20 Security System for PW dept 03/01/20-05/31/20 Security System for PW Office 03/01-05/31/20 Security System for Museum 03/01-03/31 Security System for DWWTP 03/01-03/31/20	02/28/2020	111.00 186.00 93.00 75.00 48.95 36.95
			Total for Check Number 1691:	550.90

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
1692	HOMEDP 4032979	Home Depot Credit Services Bridgeport Village shrub, tree, bio, wire	02/28/2020	243.95
	7023148	Tree aphids treatment for somerset		185.03
	7033661	Tree aphids treatment for Bridgeport Village		163.71
	7284762	Sundance 123 redwood chips		113.92
	FCH-007078601	Late Fee		17.50
	FCH-007078601	Late Fee		17.50
Total for Check Number 1692:				741.61
1693	IEH 148356	IEH Laboratories Lab Testing DWWTP	02/28/2020	312.00
	148468	Lab Testing DWWTP		520.00
Total for Check Number 1693:				832.00
1694	IEM S131005	Industrial Electric Machinery Quote #SQ31019 High speed coupler for DWW	02/28/2020	1,215.00
Total for Check Number 1694:				1,215.00
1695	interbat 90046047	Interstate Batteries Vehicle battery for sewer veh 07-36	02/28/2020	260.49
Total for Check Number 1695:				260.49
1696	J&F 1889	J & F AG Welding Shop DWWTP Welding repairs motor locking edge	02/28/2020	105.00
Total for Check Number 1696:				105.00
1697	jlanal 491397	J L Analytical Services Inc. WWTP Labs	02/28/2020	129.50
	492009	WWTP Labs		129.50
	492606	DWWTP Weekly Labs Test		129.50
Total for Check Number 1697:				388.50
1698	JORGENSE 5835351	Jorgensen Company Childcare Semi Annual Services Extinguishers Memorial park 6 Month Check for Kitchen	02/28/2020	164.48 163.41
Total for Check Number 1698:				327.89
1699	kamps 27671	Kamps Propane 33 LB Cylinder for forklift	02/28/2020	6.47
	97728	33 LB Cylinder for forklift		38.80
Total for Check Number 1699:				45.27
1700	LIEBERT 1492626	Liebert Cassidy Whitmore Professional Services- Police	02/28/2020	124.00
Total for Check Number 1700:				124.00
1701	MID 00000070-54	Merced Irrigation District Street light electric service 12/31/2019-01/31/20:	02/28/2020	962.50
	00000070-54	Street light electric service 12/31/2019-01/31/20:		66.60
	00000070-54	Street light electric service 12/31/2019-01/31/20:		33.30
	00000070-54	Street light electric service 12/31/2019-01/31/20:		10.96
	00000070-54	Street light electric service 12/31/2019-01/31/20:		4,624.84
	00000070-54	Street light electric service 12/31/2019-01/31/20:		122.28

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	00000070-54	Street light electric service 12/31/2019-01/31/20.		16.65
	00000070-54	Street light electric service 12/31/2019-01/31/20.		1,294.64
	00000070-54	Street light electric service 12/31/2019-01/31/20.		33.30
	00000070-54	Street light electric service 12/31/2019-01/31/20.		98.76
	00000070-54	Street light electric service 12/31/2019-01/31/20.		230.81
	00000070-54	Street light electric service 12/31/2019-01/31/20.		32.45
	00000070-54	Street light electric service 12/31/2019-01/31/20.		18.10
	00000070-54	Street light electric service 12/31/2019-01/31/20.		1,840.42
	00000070-54	Street light electric service 12/31/2019-01/31/20.		119.81
	00000070-54	Street light electric service 12/31/2019-01/31/20.		168.22
	00000070-54	Street light electric service 12/31/2019-01/31/20.		241.33
	00000070-54	Street light electric service 12/31/2019-01/31/20.		33.30
	00000070-54	Street light electric service 12/31/2019-01/31/20.		9,254.10
	00000070-54	Street light electric service 12/31/2019-01/31/20.		3,423.35
	00000070-54	Street light electric service 12/31/2019-01/31/20.		141.69
	00000070-54	Street light electric service 12/31/2019-01/31/20.		208.39
	00000070-54	Street light electric service 12/31/2019-01/31/20.		147.76
	00000070-54	Street light electric service 12/31/2019-01/31/20.		11.82
	00000070-54	Street light electric service 12/31/2019-01/31/20.		6.49
	00000070-54	Street light electric service 12/31/2019-01/31/20.		99.77
	00000070-54	Street light electric service 12/31/2019-01/31/20.		135.76
	00000070-54	Street light electric service 12/31/2019-01/31/20.		271.10
	00000070-54	Street light electric service 12/31/2019-01/31/20.		6,661.65
	00000070-54	Street light electric service 12/31/2019-01/31/20.		135.76
	00000070-54	Street light electric service 12/31/2019-01/31/20.		101.11
	00000070-54	Street light electric service 12/31/2019-01/31/20.		70.03
	00000070-54	Street light electric service 12/31/2019-01/31/20.		634.89
	00000070-54	Street light electric service 12/31/2019-01/31/20.		70.03
	00000070-54	Street light electric service 12/31/2019-01/31/20.		33.30
	00000070-54	Street light electric service 12/31/2019-01/31/20.		528.33
	00000070-54	Street light electric service 12/31/2019-01/31/20.		140.97
	00000070-54	Street light electric service 12/31/2019-01/31/20.		512.95
	00000070-54	Street light electric service 12/31/2019-01/31/20.		162.92
	00000070-54	Street light electric service 12/31/2019-01/31/20.		352.22
	00000070-54	Street light electric service 12/31/2019-01/31/20.		249.86
	00000070-54	Street light electric service 12/31/2019-01/31/20.		9.05
	00000070-54	Street light electric service 12/31/2019-01/31/20.		150.50
	00000070-54	Street light electric service 12/31/2019-01/31/20.		10.96
	00000070-54	Street light electric service 12/31/2019-01/31/20.		47.30
	00000070-54	Street light electric service 12/31/2019-01/31/20.		37.57
	00000070-54	Street light electric service 12/31/2019-01/31/20.		35.01
	00000070-54	Street light electric service 12/31/2019-01/31/20.		164.88
	00000070-54	Street light electric service 12/31/2019-01/31/20.		18.10
	00000070-54	Street light electric service 12/31/2019-01/31/20.		81.46
	00000070-54	Street light electric service 12/31/2019-01/31/20.		181.21
	00000070-54	Street light electric service 12/31/2019-01/31/20.		218.79
	00000070-54	Street light electric service 12/31/2019-01/31/20.		18.10
	00000070-54	Street light electric service 12/31/2019-01/31/20.		16.65
	00000070-54	Street light electric service 12/31/2019-01/31/20.		513.04
	0000070-022020	City Electric 12/19/2019-01/16/2020		128.34
	0000070-022020	City Electric 12/19/2019-01/16/2020		60.01
	0000070-022020	City Electric 12/19/2019-01/16/2020		57.91
	0000070-022020	City Electric 12/19/2019-01/16/2020		87.06
			Total for Check Number 1701:	35,138.46
1702	mid2	Merced Irrigation District	02/28/2020	
	0004612	Agency share of merced subbasin phase II: SGW		22.17
	Prop 68	Merced Subbasin Prop 68 Grant App Expenses		49,488.50

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 1702:	49,510.67
1703	midvalle	Mid Valley IT	02/28/2020	
	202136908	Kensington Park S Monthly IT Service for the M		0.76
	202136908	Somerset Monthly IT Service for the Month		11.48
	202136908	Monte Cristo Monthly IT Service for the Month		1.45
	202136908	Country Glen Monthly IT Service for the Month		0.45
	202136908	Elec Official Monthly IT Services for the Month		706.18
	202136908	Bridgeport Vill. Monthly IT Service for the Mo.		1.07
	202136908	Vinewood Estates Monthly IT Service for the M		1.25
	202136908	Sewer Monthly IT Services for the Month		318.92
	202136908	Downtown Commercial Monthly IT Serv for the		0.25
	202136908	Vintage West B Monthly IT Service for the Mon		1.24
	202136908	South Residential Monthly IT Service for the M		7.19
	202136908	Strawberry Fields Monthly IT Service for the M		0.47
	202136908	Devante Villas Monthly IT Service for the Mont		17.22
	202136908	Parks Monthly IT Services for the Month		51.04
	202136908	Country Roads Monthly IT Services for the Mon		0.39
	202136908	Parkside-Forecast Monthly IT Service for the M		2.42
	202136908	Monte Cristo II Monthly IT Service for the Mont		2.96
	202136908	Bldg Monthly IT Services for the Month		414.51
	202136908	Country Lance II Monthly IT Service for the Mo		2.08
	202136908	Central Residential Monthly IT Serv. for the Mo		5.32
	202136908	Strawberry Field Monthly IT Service for the Mo.		0.08
	202136908	Vinewood Est. II Monthly IT Service for the Mo		0.11
	202136908	Almond Glen Monthly IT Service for the Month		1.31
	202136908	Vinewood Estates II Monthly IT Serv. for the M		0.32
	202136908	Country Glen Monthly IT Services for the Mont		0.21
	202136908	Monte Cristo 2Monthly IT Services for the Mont		0.85
	202136908	Water Monthly IT Services for the Month		937.22
	202136908	La Tierra Monthly IT Service for the Month		1.01
	202136908	Country Roads Monthly IT Service for the Mont		3.13
	202136908	South Commercial Monthly IT Service for the M		0.11
	202136908	Police Monthly IT Services for the Month		3,005.24
	202136908	La Tierra Monthly IT Service for the Month		9.61
	202136908	Adm Monthly IT Services for the Month		508.56
	202136908	Vinewood Est. Monthly IT Service for the Mont		0.62
	202136908	Sundance IV Monthly IT Service for the Month		1.27
	202136908	Planning Monthly IT Services for the Month		217.62
	202136908	Davante Villas Monthly IT Service for the Mont		2.03
	202136908	Rec Monthly IT Services for the Month		507.77
	202136908	Bridgeport Village Monthly IT Service for the M		6.42
	202136908	Parkside Forecast Monthly IT Service for the M		7.29
	202136908	North Commercial Monthly IT Service for the M		3.64
	202136908	Harvest Manor Monthly IT Service for the Mont		2.18
	202136908	CFD Monthly IT Services for the Month		316.85
	202136908	Somerset Monthly IT Service for the Month		1.71
	202136908	Kensington Pk S. Monthly IT Serv. for the Mo.		0.09
	202136908	Garbage Monthly IT Services for the Month		366.84
	202136908	Sundance Monthly IT Service for the Month		2.31
	202136908	Monte Cristo Monthly IT Services for the Month		0.83
	202136908	Vintage West Monthly IT Service for the Month		4.86
	202136908	North Residential Monthly IT Service for the M		3.95
	202136908	Country Lane I Monthly IT Service for the Mont		4.65
	202136908	Country Lane I Monthly IT Service for the Mont		0.74
	202136908	Country Lane II Monthly IT Service for the Mon		24.68
	202136908	Vintage West A Monthly IT Services for the Mon		0.21
	202136908	Sundance IV Monthly IT Service for the Month		4.97
	202136908	Sundance Monthly IT Service for the Month		4.06

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 1703:	7,500.00
1704	MISSION	Mission Linen Supply	02/28/2020	
	510966782	Uniform Service & Supplies 10/16/2019		0.05
	510966782	Uniform Service & Supplies 10/16/2019		0.33
	510966782	Uniform Service & Supplies 10/16/2019		14.85
	510966782	Uniform Service & Supplies 10/16/2019		2.12
	510966782	Uniform Service & Supplies 10/16/2019		0.07
	510966782	Uniform Service & Supplies 10/16/2019		0.15
	510966782	Uniform Service & Supplies 10/16/2019		0.03
	510966782	Uniform Service & Supplies 10/16/2019		0.02
	510966782	Uniform Service & Supplies 10/16/2019		0.14
	510966782	Uniform Service & Supplies 10/16/2019		0.25
	510966782	Uniform Service & Supplies 10/16/2019		0.05
	510966782	Uniform Service & Supplies 10/16/2019		0.83
	510966782	Uniform Service & Supplies 10/16/2019		0.26
	510966782	Uniform Service & Supplies 10/16/2019		0.63
	510966782	Uniform Service & Supplies 10/16/2019		0.30
	510966782	Uniform Service & Supplies 10/16/2019		0.44
	510966782	Uniform Service & Supplies 10/16/2019		0.08
	510966782	Uniform Service & Supplies 10/16/2019		0.04
	510966782	Uniform Service & Supplies 10/16/2019		0.04
	510966782	Uniform Service & Supplies 10/16/2019		0.40
	510966782	Uniform Service & Supplies 10/16/2019		0.59
	510966782	Uniform Service & Supplies 10/16/2019		0.99
	510966782	Uniform Service & Supplies 10/16/2019		0.55
	510966782	Uniform Service & Supplies 10/16/2019		0.40
	510966782	Uniform Service & Supplies 10/16/2019		0.43
	510966782	Uniform Service & Supplies 10/16/2019		0.01
	510966782	Uniform Service & Supplies 10/16/2019		0.01
	510966782	Uniform Service & Supplies 10/16/2019		0.01
	510966782	Uniform Service & Supplies 10/16/2019		0.10
	510966782	Uniform Service & Supplies 10/16/2019		0.11
	510966782	Uniform Service & Supplies 10/16/2019		0.35
	510966782	Uniform Service & Supplies 10/16/2019		0.04
	510966782	Uniform Service & Supplies 10/16/2019		0.59
	510966782	Uniform Service & Supplies 10/16/2019		13.33
	510966782	Uniform Service & Supplies 10/16/2019		1.48
	510966782	Uniform Service & Supplies 10/16/2019		0.13
	510966782	Uniform Service & Supplies 10/16/2019		0.01
	510966782	Uniform Service & Supplies 10/16/2019		0.02
	510966782	Uniform Service & Supplies 10/16/2019		0.12
	510966782	Uniform Service & Supplies 10/16/2019		3.08
	510966782	Uniform Service & Supplies 10/16/2019		24.84
	510966782	Uniform Service & Supplies 10/16/2019		14.83
	510966782	Uniform Service & Supplies 10/16/2019		0.07
	510966782	Uniform Service & Supplies 10/16/2019		13.56
	510966782	Uniform Service & Supplies 10/16/2019		9.34
	510966782	Uniform Service & Supplies 10/16/2019		0.11
	510966782	Uniform Service & Supplies 10/16/2019		0.05
	510966782	Uniform Service & Supplies 10/16/2019		0.18
	510966782	Uniform Service & Supplies 10/16/2019		0.08
	510966782	Uniform Service & Supplies 10/16/2019		0.13
	510966782	Uniform Service & Supplies 10/16/2019		0.01
	510966782	Uniform Service & Supplies 10/16/2019		0.01
	510966782	Uniform Service & Supplies 10/16/2019		0.06
	511017183	Uniform Service and Janitorial Supplies 10/23/21		20.60
	511017183	Uniform Service and Janitorial Supplies 10/23/21		2.36
	511017183	Uniform Service and Janitorial Supplies 10/23/21		3.78

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	511017183	Uniform Service and Janitorial Supplies	10/23/20	2.36
	511017183	Uniform Service and Janitorial Supplies	10/23/20	1.51
	511017183	Uniform Service and Janitorial Supplies	10/23/20	20.61
	511017183	Uniform Service and Janitorial Supplies	10/23/20	1.51
	511017183	Uniform Service and Janitorial Supplies	10/23/20	20.60
	511705819	Pair of brown pants for James Linan		8.95
	511705819	Pair of brown pants for James Linan		2.56
	511705819	Pair of brown pants for James Linan		1.28
	511705819	Pair of brown pants for James Linan		12.78
	511722561	Uniform Service & Supplies	01/29/2020	0.67
	511722561	Uniform Service & Supplies	01/29/2020	0.09
	511722561	Uniform Service & Supplies	01/29/2020	0.59
	511722561	Uniform Service & Supplies	01/29/2020	42.32
	511722561	Uniform Service & Supplies	01/29/2020	6.15
	511722561	Uniform Service & Supplies	01/29/2020	4.15
	511722561	Uniform Service & Supplies	01/29/2020	0.13
	511722561	Uniform Service & Supplies	01/29/2020	0.15
	511722561	Uniform Service & Supplies	01/29/2020	0.42
	511722561	Uniform Service & Supplies	01/29/2020	0.06
	511722561	Uniform Service & Supplies	01/29/2020	0.01
	511722561	Uniform Service & Supplies	01/29/2020	8.54
	511722561	Uniform Service & Supplies	01/29/2020	49.28
	511722561	Uniform Service & Supplies	01/29/2020	87.41
	511722561	Uniform Service & Supplies	01/29/2020	0.01
	511722561	Uniform Service & Supplies	01/29/2020	0.04
	511722561	Uniform Service & Supplies	01/29/2020	3.11
	511722561	Uniform Service & Supplies	01/29/2020	21.92
	511722561	Uniform Service & Supplies	01/29/2020	25.00
	511722561	Uniform Service & Supplies	01/29/2020	0.33
	511722561	Uniform Service & Supplies	01/29/2020	0.02
	511722561	Uniform Service & Supplies	01/29/2020	1.07
	511722561	Uniform Service & Supplies	01/29/2020	0.13
	511722561	Uniform Service & Supplies	01/29/2020	0.07
	511722561	Uniform Service & Supplies	01/29/2020	38.08
	511722561	Uniform Service & Supplies	01/29/2020	0.08
	511722561	Uniform Service & Supplies	01/29/2020	1.87
	511722561	Uniform Service & Supplies	01/29/2020	0.15
	511722561	Uniform Service & Supplies	01/29/2020	3.61
	511722561	Uniform Service & Supplies	01/29/2020	0.21
	511722561	Uniform Service & Supplies	01/29/2020	2.68
	511722561	Uniform Service & Supplies	01/29/2020	0.05
	511722561	Uniform Service & Supplies	01/29/2020	0.38
	511722561	Uniform Service & Supplies	01/29/2020	0.01
	511722561	Uniform Service & Supplies	01/29/2020	4.42
	511722561	Uniform Service & Supplies	01/29/2020	0.08
	511722561	Uniform Service & Supplies	01/29/2020	26.53
	511722561	Uniform Service & Supplies	01/29/2020	1.12
	511722561	Uniform Service & Supplies	01/29/2020	1.29
	511722561	Uniform Service & Supplies	01/29/2020	0.29
	511722561	Uniform Service & Supplies	01/29/2020	0.05
	511722561	Uniform Service & Supplies	01/29/2020	37.06
	511722561	Uniform Service & Supplies	01/29/2020	2.63
	511722561	Uniform Service & Supplies	01/29/2020	5.70
	511722561	Uniform Service & Supplies	01/29/2020	4.13
	511722561	Uniform Service & Supplies	01/29/2020	0.01
	511722561	Uniform Service & Supplies	01/29/2020	4.55
	511722561	Uniform Service & Supplies	01/29/2020	10.20
	511722561	Uniform Service & Supplies	01/29/2020	3.37
	511722561	Uniform Service & Supplies	01/29/2020	6.48

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	511722561	Uniform Service & Supplies 01/29/2020		0.01
	511722561	Uniform Service & Supplies 01/29/2020		15.29
	511722561	Uniform Service & Supplies 01/29/2020		0.05
	511722562	Uniform Service and Janitorial Supplies 01/29/2020		3.98
	511722562	Uniform Service and Janitorial Supplies 01/29/2020		9.95
	511722562	Uniform Service and Janitorial Supplies 01/29/2020		18.95
	511722562	Uniform Service and Janitorial Supplies 01/29/2020		3.41
	511722562	Uniform Service and Janitorial Supplies 01/29/2020		18.95
	511722562	Uniform Service and Janitorial Supplies 01/29/2020		18.96
	511722562	Uniform Service and Janitorial Supplies 01/29/2020		3.41
	511722562	Uniform Service and Janitorial Supplies 01/29/2020		3.98
	511772795	Uniform Service & Supplies 02/05/2020		0.43
	511772795	Uniform Service & Supplies 02/05/2020		1.48
	511772795	Uniform Service & Supplies 02/05/2020		0.12
	511772795	Uniform Service & Supplies 02/05/2020		0.14
	511772795	Uniform Service & Supplies 02/05/2020		0.04
	511772795	Uniform Service & Supplies 02/05/2020		0.01
	511772795	Uniform Service & Supplies 02/05/2020		3.08
	511772795	Uniform Service & Supplies 02/05/2020		0.11
	511772795	Uniform Service & Supplies 02/05/2020		0.05
	511772795	Uniform Service & Supplies 02/05/2020		0.01
	511772795	Uniform Service & Supplies 02/05/2020		13.56
	511772795	Uniform Service & Supplies 02/05/2020		0.59
	511772795	Uniform Service & Supplies 02/05/2020		0.13
	511772795	Uniform Service & Supplies 02/05/2020		0.04
	511772795	Uniform Service & Supplies 02/05/2020		0.26
	511772795	Uniform Service & Supplies 02/05/2020		0.63
	511772795	Uniform Service & Supplies 02/05/2020		0.99
	511772795	Uniform Service & Supplies 02/05/2020		14.85
	511772795	Uniform Service & Supplies 02/05/2020		0.83
	511772795	Uniform Service & Supplies 02/05/2020		0.40
	511772795	Uniform Service & Supplies 02/05/2020		2.12
	511772795	Uniform Service & Supplies 02/05/2020		14.83
	511772795	Uniform Service & Supplies 02/05/2020		0.07
	511772795	Uniform Service & Supplies 02/05/2020		0.08
	511772795	Uniform Service & Supplies 02/05/2020		0.02
	511772795	Uniform Service & Supplies 02/05/2020		0.01
	511772795	Uniform Service & Supplies 02/05/2020		0.13
	511772795	Uniform Service & Supplies 02/05/2020		0.15
	511772795	Uniform Service & Supplies 02/05/2020		0.04
	511772795	Uniform Service & Supplies 02/05/2020		0.07
	511772795	Uniform Service & Supplies 02/05/2020		0.05
	511772795	Uniform Service & Supplies 02/05/2020		0.06
	511772795	Uniform Service & Supplies 02/05/2020		40.07
	511772795	Uniform Service & Supplies 02/05/2020		0.05
	511772795	Uniform Service & Supplies 02/05/2020		0.02
	511772795	Uniform Service & Supplies 02/05/2020		0.03
	511772795	Uniform Service & Supplies 02/05/2020		0.59
	511772795	Uniform Service & Supplies 02/05/2020		13.33
	511772795	Uniform Service & Supplies 02/05/2020		0.30
	511772795	Uniform Service & Supplies 02/05/2020		0.55
	511772795	Uniform Service & Supplies 02/05/2020		0.44
	511772795	Uniform Service & Supplies 02/05/2020		0.35
	511772795	Uniform Service & Supplies 02/05/2020		0.11
	511772795	Uniform Service & Supplies 02/05/2020		0.08
	511772795	Uniform Service & Supplies 02/05/2020		0.33
	511772795	Uniform Service & Supplies 02/05/2020		0.01
	511772795	Uniform Service & Supplies 02/05/2020		0.01
	511772795	Uniform Service & Supplies 02/05/2020		0.18

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	511772795	Uniform Service & Supplies 02/05/2020		0.40
	511772795	Uniform Service & Supplies 02/05/2020		9.34
	511772795	Uniform Service & Supplies 02/05/2020		0.01
	511772795	Uniform Service & Supplies 02/05/2020		0.25
	511772795	Uniform Service & Supplies 02/05/2020		0.10
	511772796	Uniform Service and Janitorial Supplies 02/05/2020		3.41
	511772796	Uniform Service and Janitorial Supplies 02/05/2020		18.95
	511772796	Uniform Service and Janitorial Supplies 02/05/2020		18.95
	511772796	Uniform Service and Janitorial Supplies 02/05/2020		3.98
	511772796	Uniform Service and Janitorial Supplies 02/05/2020		3.41
	511772796	Uniform Service and Janitorial Supplies 02/05/2020		9.95
	511772796	Uniform Service and Janitorial Supplies 02/05/2020		3.98
	511772796	Uniform Service and Janitorial Supplies 02/05/2020		18.96
	511821459	Towels & Mats Services 2/12/2020		86.60
	511821467	Uniform Service & Supplies 02/12/2020		0.04
	511821467	Uniform Service & Supplies 02/12/2020		0.08
	511821467	Uniform Service & Supplies 02/12/2020		0.11
	511821467	Uniform Service & Supplies 02/12/2020		0.44
	511821467	Uniform Service & Supplies 02/12/2020		0.63
	511821467	Uniform Service & Supplies 02/12/2020		3.08
	511821467	Uniform Service & Supplies 02/12/2020		0.33
	511821467	Uniform Service & Supplies 02/12/2020		1.48
	511821467	Uniform Service & Supplies 02/12/2020		0.15
	511821467	Uniform Service & Supplies 02/12/2020		2.12
	511821467	Uniform Service & Supplies 02/12/2020		0.30
	511821467	Uniform Service & Supplies 02/12/2020		0.04
	511821467	Uniform Service & Supplies 02/12/2020		13.56
	511821467	Uniform Service & Supplies 02/12/2020		0.43
	511821467	Uniform Service & Supplies 02/12/2020		0.02
	511821467	Uniform Service & Supplies 02/12/2020		14.85
	511821467	Uniform Service & Supplies 02/12/2020		0.25
	511821467	Uniform Service & Supplies 02/12/2020		0.40
	511821467	Uniform Service & Supplies 02/12/2020		0.15
	511821467	Uniform Service & Supplies 02/12/2020		0.01
	511821467	Uniform Service & Supplies 02/12/2020		9.34
	511821467	Uniform Service & Supplies 02/12/2020		13.33
	511821467	Uniform Service & Supplies 02/12/2020		0.18
	511821467	Uniform Service & Supplies 02/12/2020		0.07
	511821467	Uniform Service & Supplies 02/12/2020		0.13
	511821467	Uniform Service & Supplies 02/12/2020		0.55
	511821467	Uniform Service & Supplies 02/12/2020		0.01
	511821467	Uniform Service & Supplies 02/12/2020		0.02
	511821467	Uniform Service & Supplies 02/12/2020		0.01
	511821467	Uniform Service & Supplies 02/12/2020		0.59
	511821467	Uniform Service & Supplies 02/12/2020		0.05
	511821467	Uniform Service & Supplies 02/12/2020		0.99
	511821467	Uniform Service & Supplies 02/12/2020		0.26
	511821467	Uniform Service & Supplies 02/12/2020		0.59
	511821467	Uniform Service & Supplies 02/12/2020		14.83
	511821467	Uniform Service & Supplies 02/12/2020		0.05
	511821467	Uniform Service & Supplies 02/12/2020		0.05
	511821467	Uniform Service & Supplies 02/12/2020		0.01
	511821467	Uniform Service & Supplies 02/12/2020		0.01
	511821467	Uniform Service & Supplies 02/12/2020		0.11
	511821467	Uniform Service & Supplies 02/12/2020		0.35
	511821467	Uniform Service & Supplies 02/12/2020		0.03
	511821467	Uniform Service & Supplies 02/12/2020		0.12
	511821467	Uniform Service & Supplies 02/12/2020		0.07
	511821467	Uniform Service & Supplies 02/12/2020		92.04

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	511821467	Uniform Service & Supplies 02/12/2020		0.01
	511821467	Uniform Service & Supplies 02/12/2020		0.06
	511821467	Uniform Service & Supplies 02/12/2020		0.83
	511821467	Uniform Service & Supplies 02/12/2020		0.04
	511821467	Uniform Service & Supplies 02/12/2020		0.08
	511821467	Uniform Service & Supplies 02/12/2020		0.13
	511821467	Uniform Service & Supplies 02/12/2020		0.10
	511821467	Uniform Service & Supplies 02/12/2020		0.40
	511821468	Uniform Service and Janitorial Supplies 02/12/2020		18.95
	511821468	Uniform Service and Janitorial Supplies 02/12/2020		9.95
	511821468	Uniform Service and Janitorial Supplies 02/12/2020		18.95
	511821468	Uniform Service and Janitorial Supplies 02/12/2020		3.98
	511821468	Uniform Service and Janitorial Supplies 02/12/2020		3.41
	511821468	Uniform Service and Janitorial Supplies 02/12/2020		3.98
	511821468	Uniform Service and Janitorial Supplies 02/12/2020		3.41
	511821468	Uniform Service and Janitorial Supplies 02/12/2020		18.96
	511821471	City hall Mat Services 02/12/2020		64.95
	511821473	Livingston Council Chambrs Mop and Mat Serv		29.81
	511821483	Senior Cneter Mop and Map Services 02/12/2020		24.91
	511870720	Fire Dept Mop & Mat 02/19/20		88.30
	511870723	Uniform Service and Janitorial Supplies 02/19/20		3.41
	511870723	Uniform Service and Janitorial Supplies 02/19/20		18.96
	511870723	Uniform Service and Janitorial Supplies 02/19/20		3.98
	511870723	Uniform Service and Janitorial Supplies 02/19/20		18.95
	511870723	Uniform Service and Janitorial Supplies 02/19/20		3.98
	511870723	Uniform Service and Janitorial Supplies 02/19/20		3.41
	511870723	Uniform Service and Janitorial Supplies 02/19/20		18.95
	511870723	Uniform Service and Janitorial Supplies 02/19/20		9.95
			Total for Check Number 1704:	1,544.42
1705	munimain	Municipal Maintenance Equip.	02/28/2020	
	0144533-IN	O'rings switches and bolt kit for sweeper		132.64
	0144829-IN	Actuator arm for sweeper		532.74
			Total for Check Number 1705:	665.38
1706	neofunds	Neofunds by Neopost	02/28/2020	
	001	Postage from Jan. 8- Feb. 21		7.00
	001	Postage from Jan. 8- Feb. 21		360.57
	001	Postage from Jan. 8- Feb. 21		7.00
	001	Postage from Jan. 8- Feb. 21		52.00
	001	Postage from Jan. 8- Feb. 21		0.50
	001	Postage from Jan. 8- Feb. 21		140.40
	001	Postage from Jan. 8- Feb. 21		29.40
	001	Postage from Jan. 8- Feb. 21		7.00
	001	Postage from Jan. 8- Feb. 21		241.50
	001	Postage from Jan. 8- Feb. 21		136.63
	001	Postage from Jan. 8- Feb. 21		18.00
			Total for Check Number 1706:	1,000.00
1707	NicholsC	Crystal Nichols	02/28/2020	
	001	Park deposit Refund Walnut Party Room		150.00
			Total for Check Number 1707:	150.00
1708	Officede	Office Depot	02/28/2020	
	433827568001	Copy Paper pens laminating pouches for all dept		2.80
	433827568001	Copy Paper pens laminating pouches for all dept		0.83
	433827568001	Copy Paper pens laminating pouches for all dept		0.53

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	433827568001	Copy Paper pens laminating pouches for all dept		1.95
	433827568001	Copy Paper pens laminating pouches for all dept		14.29
	433827568001	Copy Paper pens laminating pouches for all dept		0.34
	433827568001	Copy Paper pens laminating pouches for all dept		1.20
	433827568001	Copy Paper pens laminating pouches for all dept		0.34
	433827568001	Copy Paper pens laminating pouches for all dept		0.40
	433827568001	Copy Paper pens laminating pouches for all dept		14.58
	433827568001	Copy Paper pens laminating pouches for all dept		0.03
	433827568001	Copy Paper pens laminating pouches for all dept		0.14
	433827568001	Copy Paper pens laminating pouches for all dept		0.43
	433827568001	Copy Paper pens laminating pouches for all dept		0.73
	433827568001	Copy Paper pens laminating pouches for all dept		0.56
	433827568001	Copy Paper pens laminating pouches for all dept		14.58
	433827568001	Copy Paper pens laminating pouches for all dept		0.04
	433827568001	Copy Paper pens laminating pouches for all dept		0.78
	433827568001	Copy Paper pens laminating pouches for all dept		1.09
	433827568001	Copy Paper pens laminating pouches for all dept		0.53
	433827568001	Copy Paper pens laminating pouches for all dept		0.53
	433827568001	Copy Paper pens laminating pouches for all dept		0.09
	433827568001	Copy Paper pens laminating pouches for all dept		0.58
	433827568001	Copy Paper pens laminating pouches for all dept		0.46
	433827568001	Copy Paper pens laminating pouches for all dept		0.05
	433827568001	Copy Paper pens laminating pouches for all dept		0.05
	433827568001	Copy Paper pens laminating pouches for all dept		0.14
	433827568001	Copy Paper pens laminating pouches for all dept		0.24
	433827568001	Copy Paper pens laminating pouches for all dept		0.01
	433827568001	Copy Paper pens laminating pouches for all dept		14.58
	437543322001	Supplies for finance dept		20.07
	437881530001	Supplies for finance dept		14.88
	437951902001	Supplies for finance dept		113.87
	437974245001	Supplies for adm dept		21.54
	440710956001	USB Extension for Finance Directors Office		38.46
	440803758001	Baseball/Softball flyers to schools		56.89
	442323676001	Batteries for Anita		29.26
			Total for Check Number 1708:	367.87
1709	OPERATE 02/2020	Operating Engineers Local #3 Clerical Union Dues PR 01/25 & 02/08	02/28/2020	384.00
			Total for Check Number 1709:	384.00
1710	OPERATIN 02/2020	Operating Engineers Local #3 Mgt Union Dues PR 01/25/20 & 02/08/20	02/28/2020	448.00
			Total for Check Number 1710:	448.00
1711	oreillya 3654-325227 3654-325227 3654-325227 3654-325227 3654-325868 3654-325868 3654-325868 3654-325868 3654-325868 3654-325868 3654-325868 3654-325868 3654-325868	O'Reilly Automotive Store Inc. Oil Filters for trucks for all dept Oil Filters for trucks for all dept Oil Filters for trucks for all dept Oil Filters for trucks for all dept 15 Light Bars- 1 for LMD truck & 1 for trimmer 24 Light Bars- 1 for LMD truck & 1 for trimmer 21 Light Bars- 1 for LMD truck & 1 for trimmer 12 Light Bars- 1 for LMD truck & 1 for trimmer 6 Light Bars- 1 for LMD truck & 1 for trimmer 2 Light Bars- 1 for LMD truck & 1 for trimmer 16 Light Bars- 1 for LMD truck & 1 for trimmer 23 Light Bars- 1 for LMD truck & 1 for trimmer	02/28/2020	4.36 4.38 4.38 4.38 6.46 5.57 6.04 10.20 7.44 2.01 7.91 8.14

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	3654-325868	7 Light Bars- 1 for LMD truck & 1 for trimmer		2.31
	3654-325868	14 Light Bars- 1 for LMD truck & 1 for trimmer		0.75
	3654-325868	5 Light Bars- 1 for LMD truck & 1 for trimmer		3.34
	3654-325868	8 Light Bars- 1 for LMD truck & 1 for trimmer		4.71
	3654-325868	10 Light Bars- 1 for LMD truck & 1 for trimmer		0.51
	3654-325868	11 Light Bars- 1 for LMD truck & 1 for trimmer		1.21
	3654-325868	22 Light Bars- 1 for LMD truck & 1 for trimmer		11.00
	3654-325868	13 Light Bars- 1 for LMD truck & 1 for trimmer		27.37
	3654-325868	18 Light Bars- 1 for LMD truck & 1 for trimmer		7.40
	3654-325868	26 Light Bars- 1 for LMD truck & 1 for trimmer		0.16
	3654-325868	25 Light Bars- 1 for LMD truck & 1 for trimmer		0.38
	3654-325868	17 Light Bars- 1 for LMD truck & 1 for trimmer		11.60
	3654-325868	9 Light Bars- 1 for LMD truck & 1 for trimmer		1.91
	3654-325868	27 Light Bars- 1 for LMD truck & 1 for trimmer		18.27
	3654-325868	19 Light Bars- 1 for LMD truck & 1 for trimmer		39.24
	3654-325868	3 Light Bars- 1 for LMD truck & 1 for trimmer		0.68
	3654-325868	4 Light Bars- 1 for LMD truck & 1 for trimmer		4.80
	3654-325868	20 Light Bars- 1 for LMD truck & 1 for trimmer		15.29
	3654-325873	Power outlet for trimmer		0.40
	3654-325873	Power outlet for trimmer		0.04
	3654-325873	Power outlet for trimmer		0.18
	3654-325873	Power outlet for trimmer		0.12
	3654-325873	Power outlet for trimmer		0.22
	3654-325873	Power outlet for trimmer		0.56
	3654-325873	Power outlet for trimmer		0.27
	3654-325873	Power outlet for trimmer		0.43
	3654-325873	Power outlet for trimmer		0.03
	3654-325873	Power outlet for trimmer		0.69
	3654-325873	Power outlet for trimmer		1.01
	3654-325873	Power outlet for trimmer		0.27
	3654-325873	Power outlet for trimmer		0.07
	3654-325873	Power outlet for trimmer		0.01
	3654-325873	Power outlet for trimmer		0.24
	3654-325873	Power outlet for trimmer		0.30
	3654-325873	Power outlet for trimmer		0.08
	3654-325873	Power outlet for trimmer		0.20
	3654-325873	Power outlet for trimmer		0.07
	3654-325873	Power outlet for trimmer		0.02
	3654-325873	Power outlet for trimmer		0.01
	3654-325873	Power outlet for trimmer		1.44
	3654-325873	Power outlet for trimmer		0.03
	3654-325873	Power outlet for trimmer		0.38
	3654-325873	Power outlet for trimmer		0.29
	3654-325873	Power outlet for trimmer		0.17
	3654-326217	Performance tool for shop		53.86
	3654-326221	Wiper Blades for all dept		8.55
	3654-326221	Wiper Blades for all dept		8.55
	3654-326221	Wiper Blades for all dept		8.55
	3654-326221	Wiper Blades for all dept		8.51
	3654-326222	Timmer fuse holder for lights		0.17
	3654-326222	Timmer fuse holder for lights		0.07
	3654-326222	Timmer fuse holder for lights		0.29
	3654-326222	Timmer fuse holder for lights		0.27
	3654-326222	Timmer fuse holder for lights		0.27
	3654-326222	Timmer fuse holder for lights		0.30
	3654-326222	Timmer fuse holder for lights		0.01
	3654-326222	Timmer fuse holder for lights		0.24
	3654-326222	Timmer fuse holder for lights		0.43
	3654-326222	Timmer fuse holder for lights		0.08

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	3654-326222	Timmer fuse holder for lights		0.12
	3654-326222	Timmer fuse holder for lights		0.69
	3654-326222	Timmer fuse holder for lights		0.18
	3654-326222	Timmer fuse holder for lights		0.20
	3654-326222	Timmer fuse holder for lights		0.56
	3654-326222	Timmer fuse holder for lights		0.02
	3654-326222	Timmer fuse holder for lights		0.03
	3654-326222	Timmer fuse holder for lights		0.38
	3654-326222	Timmer fuse holder for lights		0.07
	3654-326222	Timmer fuse holder for lights		1.44
	3654-326222	Timmer fuse holder for lights		1.01
	3654-326222	Timmer fuse holder for lights		0.01
	3654-326222	Timmer fuse holder for lights		0.40
	3654-326222	Timmer fuse holder for lights		0.04
	3654-326222	Timmer fuse holder for lights		0.03
	3654-326222	Timmer fuse holder for lights		0.22
	3654-327172	Disc Pad Set Sewer Veh 04-23		38.91
	3654-327178	Brake Rotor Sewer Vehicle 04-23		107.62
	3654-327221	Brake rotors & disc pad set sewer		205.85
	3654-327226	Returned Brake Rotors/Pads for sewer truck 04-		-205.85
	3654-327227	Brake Rotor for sewer vehicle 04-23		317.54
	3654-327752	Oil filter & Oil for Prius Admin		46.19
	3654-327753	Oil Filter for PD Veh		18.75
	3654-327772	XL gloves for LMDS		8.85
	3654-327772	XL gloves for LMDS		0.39
	3654-327772	XL gloves for LMDS		13.92
	3654-327772	XL gloves for LMDS		0.57
	3654-327772	XL gloves for LMDS		1.76
	3654-327772	XL gloves for LMDS		4.25
	3654-327772	XL gloves for LMDS		7.78
	3654-327772	XL gloves for LMDS		11.66
	3654-327772	XL gloves for LMDS		6.03
	3654-327772	XL gloves for LMDS		1.46
	3654-327772	XL gloves for LMDS		0.92
	3654-327772	XL gloves for LMDS		6.21
	3654-327772	XL gloves for LMDS		8.39
	3654-327772	XL gloves for LMDS		0.52
	3654-327772	XL gloves for LMDS		20.88
	3654-327772	XL gloves for LMDS		0.29
	3654-327772	XL gloves for LMDS		3.66
	3654-327772	XL gloves for LMDS		1.54
	3654-327772	XL gloves for LMDS		3.60
	3654-327772	XL gloves for LMDS		5.67
	3654-327772	XL gloves for LMDS		4.93
	3654-327772	XL gloves for LMDS		29.93
	3654-327772	XL gloves for LMDS		5.64
	3654-327772	XL gloves for LMDS		2.55
	3654-327772	XL gloves for LMDS		0.12
	3654-327772	XL gloves for LMDS		4.61
	3654-327791	Oil Filter for all dept		5.80
	3654-327791	Oil Filter for all dept		5.77
	3654-327791	Oil Filter for all dept		5.80
	3654-327791	Oil Filter for all dept		5.80
	3654-327843	XL gloves for LMDS		-6.03
	3654-327843	XL gloves for LMDS		-0.29
	3654-327843	XL gloves for LMDS		-1.46
	3654-327843	XL gloves for LMDS		-8.85
	3654-327843	XL gloves for LMDS		-0.57
	3654-327843	XL gloves for LMDS		-0.39

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	3654-327843	XL gloves for LMDS		-8.39
	3654-327843	XL gloves for LMDS		-6.21
	3654-327843	XL gloves for LMDS		-7.78
	3654-327843	XL gloves for LMDS		-0.52
	3654-327843	XL gloves for LMDS		-0.12
	3654-327843	XL gloves for LMDS		-20.88
	3654-327843	XL gloves for LMDS		-29.93
	3654-327843	XL gloves for LMDS		-4.61
	3654-327843	XL gloves for LMDS		-3.66
	3654-327843	XL gloves for LMDS		-0.92
	3654-327843	XL gloves for LMDS		-2.55
	3654-327843	XL gloves for LMDS		-4.93
	3654-327843	XL gloves for LMDS		-4.25
	3654-327843	XL gloves for LMDS		-5.67
	3654-327843	XL gloves for LMDS		-3.60
	3654-327843	XL gloves for LMDS		-11.66
	3654-327843	XL gloves for LMDS		-13.93
	3654-327843	XL gloves for LMDS		-1.76
	3654-327843	XL gloves for LMDS		-1.53
	3654-327843	XL gloves for LMDS		-5.64
	3654-327845	XXL gloves for LMDS		1.76
	3654-327845	XXL gloves for LMDS		6.03
	3654-327845	XXL gloves for LMDS		8.39
	3654-327845	XXL gloves for LMDS		29.93
	3654-327845	XXL gloves for LMDS		2.55
	3654-327845	XXL gloves for LMDS		5.67
	3654-327845	XXL gloves for LMDS		0.29
	3654-327845	XXL gloves for LMDS		8.85
	3654-327845	XXL gloves for LMDS		1.46
	3654-327845	XXL gloves for LMDS		4.61
	3654-327845	XXL gloves for LMDS		11.66
	3654-327845	XXL gloves for LMDS		0.52
	3654-327845	XXL gloves for LMDS		4.93
	3654-327845	XXL gloves for LMDS		3.60
	3654-327845	XXL gloves for LMDS		5.64
	3654-327845	XXL gloves for LMDS		4.25
	3654-327845	XXL gloves for LMDS		7.78
	3654-327845	XXL gloves for LMDS		3.66
	3654-327845	XXL gloves for LMDS		0.57
	3654-327845	XXL gloves for LMDS		0.92
	3654-327845	XXL gloves for LMDS		0.39
	3654-327845	XXL gloves for LMDS		0.12
	3654-327845	XXL gloves for LMDS		13.92
	3654-327845	XXL gloves for LMDS		20.88
	3654-327845	XXL gloves for LMDS		6.21
	3654-327845	XXL gloves for LMDS		1.54
	3654-328027	Car Wash supplies for all depts.		0.02
	3654-328027	Car Wash supplies for all depts.		0.31
	3654-328027	Car Wash supplies for all depts.		0.42
	3654-328027	Car Wash supplies for all depts.		0.03
	3654-328027	Car Wash supplies for all depts.		11.48
	3654-328027	Car Wash supplies for all depts.		0.34
	3654-328027	Car Wash supplies for all depts.		0.86
	3654-328027	Car Wash supplies for all depts.		0.01
	3654-328027	Car Wash supplies for all depts.		0.46
	3654-328027	Car Wash supplies for all depts.		1.53
	3654-328027	Car Wash supplies for all depts.		0.19
	3654-328027	Car Wash supplies for all depts.		2.20
	3654-328027	Car Wash supplies for all depts.		0.62

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	3654-328027	Car Wash supplies for all depts.		0.07
	3654-328027	Car Wash supplies for all depts.		0.04
	3654-328027	Car Wash supplies for all depts.		11.45
	3654-328027	Car Wash supplies for all depts.		11.48
	3654-328027	Car Wash supplies for all depts.		0.11
	3654-328027	Car Wash supplies for all depts.		0.41
	3654-328027	Car Wash supplies for all depts.		0.44
	3654-328027	Car Wash supplies for all depts.		0.36
	3654-328027	Car Wash supplies for all depts.		0.27
	3654-328027	Car Wash supplies for all depts.		11.48
	3654-328027	Car Wash supplies for all depts.		0.65
	3654-328027	Car Wash supplies for all depts.		0.04
	3654-328027	Car Wash supplies for all depts.		0.13
	3654-328027	Car Wash supplies for all depts.		0.11
	3654-328027	Car Wash supplies for all depts.		0.57
	3654-328027	Car Wash supplies for all depts.		0.26
	3654-328027	Car Wash supplies for all depts.		1.02
	3654-328066	Filter wrench returned orig invoiced 3654-32805		-71.73
			Total for Check Number 1711:	1,019.22
1712	OrteganR 001	Rene Ortegan Park Deposit Refund Max foster 02/15/2020	02/28/2020	150.00
			Total for Check Number 1712:	150.00
1713	PGE 0007900229-1	Pacific Gas & Electric Company 1416 C ST Nuclear Deco Charges Jan 20	02/28/2020	21.65
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L:		17.46
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		24.86
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Gas Tax		3,709.41
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		10.84
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L:		2.16
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Storm D		43.59
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L:		21.38
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Admin		984.02
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L:		6.68
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 PW/Stre		648.45
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L:		29.50
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L:		1.10
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L:		1.98
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		17.86
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L:		5.53
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		26.20
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Police		1,412.47
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		7.55
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Water D		22,700.48
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L:		22.86
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Recreati		1,517.39
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L:		23.53
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		4.32
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L:		18.67
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		16.71
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		10.65
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		0.36
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		0.86
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Fire		78.62
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Domesti		16,158.07
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L:		113.45
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer F		462.39

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		1.16
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		13.63
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		34.86
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		13.64
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Parks		391.49
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		12.59
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		88.65
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		79.13
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		5.22
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		61.83
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		5.82
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		2.72
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		18.39
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		9.66
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		33.53
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		1.48
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		16.80
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		16.11
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		3.49
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		41.25
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		4.55
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		21.49
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		44.19
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		23.05
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		14.59
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		52.41
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		1.69
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		13.87
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Soccer I		1.54
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		31.81
	7095488380-0220	Utility Services 01/16/2020-02/14/2020 Street L		0.47
	7770778848--03	Monthly Services Lincoln Blvd Westside 01/16/		20.90
	7770778848--03a	14960 Vinewood Ave Monthly Services 01/14/20		203.29
			Total for Check Number 1713:	49,406.35
1714	PARAMOUNT 111364 2002-00681 2002-00683 2002-00684	Paramount Pest Control Inc. Pest control for city managers office Range Pest control 02/10/20 Corp yard pest control 02/10/20 PD Pest control 02/10/20	02/28/2020	150.00 37.00 47.00 37.00
			Total for Check Number 1714:	271.00
1715	platt OC05038 OC37151	Platt Electric Supply Welding supplies Welding supplies	02/28/2020	36.55 5.50
			Total for Check Number 1715:	42.05
1716	PREMIER Claims 0205 Claims 0205 Claims 0212 Claims 0212 Claims 0219 Claims 0219 Claims 0219 Claims 0219	Premier Access Insurance Company PR Batch 00011.01.2020 Dental Claims- 02/5/20 Claims- 02/5/20 Claims- 02/12/20 Claims- 02/12/20 Claims- 02/19/20 Claims- 02/19/20 Claims- 02/19/20 Claims- 02/19/20	02/28/2020 PR Batch 00011.01.2020 Den	374.10 50.00 374.40 1,943.00 578.00 31.35 249.60 31.35 32.30

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	82034585	Parts for Washer		1.81
	82034585	Parts for Washer		9.59
	82034585	Parts for Washer		0.18
	82034585	Parts for Washer		1.36
	82034585	Parts for Washer		1.15
	82034585	Parts for Washer		4.46
	82034585	Parts for Washer		50.04
	82034585	Parts for Washer		0.17
	82034585	Parts for Washer		0.04
	82034585	Parts for Washer		2.83
	82034585	Parts for Washer		50.01
Total for Check Number 1723:				350.19
1724	SHANNON 191353	Shannon Pump Company Inc. Propposal 9/3/19 (Repair of City of Livingston V	02/28/2020	19,672.97
Total for Check Number 1724:				19,672.97
1725	shredit 8129203784	Shred-it USA LLC Shred it services for the city	02/28/2020	185.21
Total for Check Number 1725:				185.21
1726	SW 26315 26315	Silver & Wright LLP 1241 Fourth St code enforcement 1524 Grapevine Code Enforcement	02/28/2020	468.00 2,428.80
Total for Check Number 1726:				2,896.80
1727	SoloMari 001	Maria Solorio Park deposit refund Ark Park 02/23/20	02/28/2020	150.00
Total for Check Number 1727:				150.00
1728	St. Fran 18117323 18117324	St. Francis Electric, LLC. Traffic signal maintenance Traffic signal maintenance	02/28/2020	380.00 684.25
Total for Check Number 1728:				1,064.25
1729	STILES 64145 64145 64145	Stiles Truck Body & Equipment Decked truck bed storage system for 2020 Chev Decked truck bed storage system for 2020 Chev Decked truck bed storage system for 2020 Chev	02/28/2020	453.96 453.95 453.95
Total for Check Number 1729:				1,361.86
1730	targetsp INVP500002799 INVP500002800 INVP500003408	Target Specialty Products Chemical application Chemical application Chemical application	02/28/2020	842.92 797.35 2,540.21
Total for Check Number 1730:				4,180.48
1731	officect IN-1625511 IN-1625511 IN-1625511 IN-1625511 IN-1625511 IN-1625511	The Office City Auto Repair Forms for Vehicles Auto Repair Forms for Vehicles Auto Repair Forms for Vehicles Auto Repair Forms for Vehicles Auto Repair Forms for Vehicles Auto Repair Forms for Vehicles	02/28/2020	20.61 20.61 20.61 20.31 20.61 20.30

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 1731:	123.05
1732	TOTLCOM	TOTLCOM	02/28/2020	
	296231	Maintance Agreement 12/28-1/27 Admin		103.62
	296231	Maintance Agreement 12/28-1/27 Police		161.20
	296231	Maintance Agreement 12/28-1/27 PW		36.52
	296231	Maintance Agreement 12/28-1/27 Bldg		17.60
	296231	Maintance Agreement 12/28-1/27 Plng		19.64
	296231	Maintance Agreement 12/28-1/27 Rec		24.42
			Total for Check Number 1732:	363.00
1733	unum	Unum	02/28/2020	
	Unum 032020	Life & LTD Premium March 2020		5.37
	Unum 032020	Life & LTD Premium March 2020		2.61
	Unum 032020	Life & LTD Premium March 2020		4.89
	Unum 032020	Life & LTD Premium March 2020		3.76
	Unum 032020	Life & LTD Premium March 2020		2.82
	Unum 032020	Life & LTD Premium March 2020		207.69
	Unum 032020	Life & LTD Premium March 2020		9.97
	Unum 032020	Life & LTD Premium March 2020		5.61
	Unum 032020	Life & LTD Premium March 2020		0.30
	Unum 032020	Life & LTD Premium March 2020		2.65
	Unum 032020	Life & LTD Premium March 2020		2.64
	Unum 032020	Life & LTD Premium March 2020		10.59
	Unum 032020	Life & LTD Premium March 2020		16.58
	Unum 032020	Life & LTD Premium March 2020		113.27
	Unum 032020	Life & LTD Premium March 2020		143.86
	Unum 032020	Life & LTD Premium March 2020		110.47
	Unum 032020	Life & LTD Premium March 2020		5.85
	Unum 032020	Life & LTD Premium March 2020		2.58
	Unum 032020	Life & LTD Premium March 2020		3.84
	Unum 032020	Life & LTD Premium March 2020		39.62
	Unum 032020	Life & LTD Premium March 2020		526.73
	Unum 032020	Life & LTD Premium March 2020		4.60
	Unum 032020	Life & LTD Premium March 2020		3.17
	Unum 032020	Life & LTD Premium March 2020		1.11
	Unum 032020	Life & LTD Premium March 2020		1.38
	Unum 032020	Life & LTD Premium March 2020		3.25
	Unum 032020	Life & LTD Premium March 2020		2.86
	Unum 032020	Life & LTD Premium March 2020		1.26
	Unum 032020	Life & LTD Premium March 2020		0.44
	Unum 032020	Life & LTD Premium March 2020		0.98
	Unum 032020	Life & LTD Premium March 2020		1.46
	Unum 032020	Life & LTD Premium March 2020		1.23
	Unum 032020	Life & LTD Premium March 2020		3.91
	Unum 032020	Life & LTD Premium March 2020		6.07
	Unum 032020	Life & LTD Premium March 2020		290.80
	Unum 032020	Life & LTD Premium March 2020		1.23
	Unum 032020	Life & LTD Premium March 2020		2.13
	Unum 032020	Life & LTD Premium March 2020		2.84
	Unum 032020	Life & LTD Premium March 2020		0.62
	Unum 032020	Life & LTD Premium March 2020		2.97
	Unum 032020	Life & LTD Premium March 2020		187.99
	Unum 032020	Life & LTD Premium March 2020		1.94
	Unum 032020	Life & LTD Premium March 2020		171.83
	Unum 032020	Life & LTD Premium March 2020		0.45
	Unum 032020	Life & LTD Premium March 2020		1.89
	Unum 032020	Life & LTD Premium March 2020		1.72

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750077		Fuel-Unleaded	12/17/2019	1.34
750077		Fuel-Unleaded	12/17/2019	20.63
750077		Fuel-Unleaded	12/17/2019	0.54
750077		Fuel-Unleaded	12/17/2019	51.59
750077		Fuel-Unleaded	12/17/2019	1.19
750077		Fuel-Unleaded	12/17/2019	0.07
750077		Fuel-Unleaded	12/17/2019	0.25
750077		Fuel-Unleaded	12/17/2019	4.41
750077		Fuel-Unleaded	12/17/2019	0.32
750077		Fuel-Unleaded	12/17/2019	6.33
750077		Fuel-Unleaded	12/17/2019	0.79
750077		Fuel-Unleaded	12/17/2019	0.97
750077		Fuel-Unleaded	12/17/2019	0.56
750077		Fuel-Unleaded	12/17/2019	0.03
750077		Fuel-Unleaded	12/17/2019	25.79
750077		Fuel-Unleaded	12/17/2019	55.45
750077		Fuel-Unleaded	12/17/2019	0.54
750077		Fuel-Unleaded	12/17/2019	42.04
750077		Fuel-Unleaded	12/17/2019	1.59
750077		Fuel-Unleaded	12/17/2019	0.08
750077		Fuel-Unleaded	12/17/2019	0.06
750077		Fuel-Unleaded	12/17/2019	1.20
750077		Fuel-Unleaded	12/17/2019	0.66
750077		Fuel-Unleaded	12/17/2019	0.41
750077		Fuel-Unleaded	12/17/2019	1.04
750077		Fuel-Unleaded	12/17/2019	1.87
750077		Fuel-Unleaded	12/17/2019	100.59
750077		Fuel-Unleaded	12/17/2019	112.20
750077		Fuel-Unleaded	12/17/2019	1.65
750077		Fuel-Unleaded	12/17/2019	56.74
750077		Fuel-Unleaded	12/17/2019	0.11
750077		Fuel-Unleaded	12/17/2019	2.46
750077		Fuel-Unleaded	12/17/2019	1.37
750077		Fuel-Unleaded	12/17/2019	1.31
750077		Fuel-Unleaded	12/17/2019	0.37
750077		Fuel-Unleaded	12/17/2019	0.07
750226		Fuel-Unleaded	01/10/2020	0.22
750226		Fuel-Unleaded	01/10/2020	0.80
750226		Fuel-Unleaded	01/10/2020	0.09
750226		Diesel	01/10/20	2.07
750226		Diesel	01/10/20	1.34
750226		Diesel	01/10/20	2.75
750226		Diesel	01/10/20	99.78
750226		Diesel	01/10/20	116.41
750226		Diesel	01/10/20	0.68
750226		Diesel	01/10/20	0.23
750226		Fuel-Unleaded	01/10/2020	1.07
750226		Fuel-Unleaded	01/10/2020	0.05
750226		Diesel	01/10/20	3.10
750226		Diesel	01/10/20	0.44
750226		Fuel-Unleaded	01/10/2020	0.36
750226		Fuel-Unleaded	01/10/2020	4.26
750226		Diesel	01/10/20	0.24
750226		Diesel	01/10/20	16.63
750226		Fuel-Unleaded	01/10/2020	1.11
750226		Fuel-Unleaded	01/10/2020	0.92
750226		Fuel-Unleaded	01/10/2020	0.02
750226		Fuel-Unleaded	01/10/2020	0.70
750226		Fuel-Unleaded	01/10/2020	1.66

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750226		Diesel 01/10/20		1.79
750226		Diesel 01/10/20		1.85
750226		Diesel 01/10/20		2.18
750226		Fuel-Unleaded 01/10/2020		0.51
750226		Diesel 01/10/20		0.97
750226		Diesel 01/10/20		5.00
750226		Diesel 01/10/20		1.23
750226		Fuel-Unleaded 01/10/2020		0.37
750226		Fuel-Unleaded 01/10/2020		0.33
750226		Fuel-Unleaded 01/10/2020		0.66
750226		Diesel 01/10/20		0.10
750226		Diesel 01/10/20		24.95
750226		Diesel 01/10/20		0.47
750226		Fuel-Unleaded 01/10/2020		45.99
750226		Fuel-Unleaded 01/10/2020		0.47
750226		Diesel 01/10/20		1.13
750226		Fuel-Unleaded 01/10/2020		75.96
750226		Fuel-Unleaded 01/10/2020		28.29
750226		Fuel-Unleaded 01/10/2020		0.08
750226		Fuel-Unleaded 01/10/2020		3.47
750226		Fuel-Unleaded 01/10/2020		38.18
750226		Fuel-Unleaded 01/10/2020		0.88
750226		Diesel 01/10/20		2.58
750226		Diesel 01/10/20		1.31
750226		Fuel-Unleaded 01/10/2020		1.19
750226		Diesel 01/10/20		1.61
750226		Fuel-Unleaded 01/10/2020		0.81
750226		Diesel 01/10/20		0.81
750226		Fuel-Unleaded 01/10/2020		0.16
750226		Diesel 01/10/20		3.71
750226		Diesel 01/10/20		0.96
750226		Diesel 01/10/20		5.24
750226		Fuel-Unleaded 01/10/2020		0.07
750226		Fuel-Unleaded 01/10/2020		0.53
750226		Fuel-Unleaded 01/10/2020		0.56
750226		Diesel 01/10/20		2.36
750226		Diesel 01/10/20		2.32
750226		Diesel 01/10/20		0.39
750226		Diesel 01/10/20		3.73
750226		Fuel-Unleaded 01/10/2020		0.09
750226		Fuel-Unleaded 01/10/2020		0.52
750226		Fuel-Unleaded 01/10/2020		0.21
750226		Diesel 01/10/20		0.22
750226		Fuel-Unleaded 01/10/2020		17.35
750226		Diesel 01/10/20		0.43
750226		Fuel-Unleaded 01/10/2020		0.03
750226		Diesel 01/10/20		0.41
750226		Diesel 01/10/20		1.51
750226		Diesel 01/10/20		5.56
750226		Fuel-Unleaded 01/10/2020		0.90
750226		Fuel-Unleaded 01/10/2020		1.26
750226		Fuel-Unleaded 01/10/2020		1.98
750226		Fuel-Unleaded 01/10/2020		1.02
750226		Fuel-Unleaded 01/10/2020		0.05
750226		Fuel-Unleaded 01/10/2020		17.35
750226		Fuel-Unleaded 01/10/2020		2.97
750226		Diesel 01/10/20		207.88
750226		Fuel-Unleaded 01/10/2020		0.45
750226		Diesel 01/10/20		0.03

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750226		Diesel 01/10/20		0.14
750226		Fuel-Unleaded 01/10/2020		0.06
750226		Diesel 01/10/20		4.39
750226		Diesel 01/10/20		1.50
750226		Fuel-Unleaded 01/10/2020		67.68
750226		Diesel 01/10/20		2.24
750226		Fuel-Unleaded 01/10/2020		0.25
750226		Fuel-Unleaded 01/10/2020		0.27
750226		Fuel-Unleaded 01/10/2020		13.88
750226		Diesel 01/10/20		0.15
750226		Diesel 01/10/20		4.51
750226		Diesel 01/10/20		114.73
750226		Diesel 01/10/20		0.08
750226		Fuel-Unleaded 01/10/2020		34.71
750226		Fuel-Unleaded 01/10/2020		0.38
750226		Diesel 01/10/20		116.41
750226		Diesel 01/10/20		0.17
750226		Fuel-Unleaded 01/10/2020		0.13
750226		Diesel 01/10/20		41.58
750226		Diesel 01/10/20		7.97
750226		Fuel-Unleaded 01/10/2020		9.54
750226		Fuel-Unleaded 01/10/2020		360.96
750226		Fuel-Unleaded 01/10/2020		0.31
750226		Fuel-Unleaded 01/10/2020		0.04
750226		Fuel-Unleaded 01/10/2020		0.60
750226		Fuel-Unleaded 01/10/2020		0.86
750226		Diesel 01/10/20		1.65
750226		Diesel 01/10/20		1.61
750226		Fuel-Unleaded 01/10/2020		37.31
750240		Fuel-Unleaded 01/14/20		0.42
750240		Fuel-Unleaded 01/14/20		0.87
750240		Fuel-Unleaded 01/14/20		1.20
750240		Fuel-Unleaded 01/14/20		0.06
750240		Fuel-Unleaded 01/14/20		0.05
750240		Fuel-Unleaded 01/14/20		41.76
750240		Fuel-Unleaded 01/14/20		0.63
750240		Fuel-Unleaded 01/14/20		0.09
750240		Fuel-Unleaded 01/14/20		0.05
750240		Fuel-Unleaded 01/14/20		0.58
750240		Fuel-Unleaded 01/14/20		0.90
750240		Fuel-Unleaded 01/14/20		0.10
750240		Fuel-Unleaded 01/14/20		1.34
750240		Fuel-Unleaded 01/14/20		0.31
750240		Fuel-Unleaded 01/14/20		0.04
750240		Fuel-Unleaded 01/14/20		0.78
750240		Fuel-Unleaded 01/14/20		19.42
750240		Fuel-Unleaded 01/14/20		0.08
750240		Fuel-Unleaded 01/14/20		1.86
750240		Fuel-Unleaded 01/14/20		0.68
750240		Fuel-Unleaded 01/14/20		0.73
750240		Fuel-Unleaded 01/14/20		0.59
750240		Fuel-Unleaded 01/14/20		0.15
750240		Fuel-Unleaded 01/14/20		19.42
750240		Fuel-Unleaded 01/14/20		404.03
750240		Fuel-Unleaded 01/14/20		0.18
750240		Fuel-Unleaded 01/14/20		4.77
750240		Fuel-Unleaded 01/14/20		51.48
750240		Fuel-Unleaded 01/14/20		0.37
750240		Fuel-Unleaded 01/14/20		0.96

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750240		Fuel-Unleaded 01/14/20		3.88
750240		Fuel-Unleaded 01/14/20		0.05
750240		Fuel-Unleaded 01/14/20		0.28
750240		Fuel-Unleaded 01/14/20		1.03
750240		Fuel-Unleaded 01/14/20		0.24
750240		Fuel-Unleaded 01/14/20		0.99
750240		Fuel-Unleaded 01/14/20		15.54
750240		Fuel-Unleaded 01/14/20		0.57
750240		Fuel-Unleaded 01/14/20		1.24
750240		Fuel-Unleaded 01/14/20		0.50
750240		Fuel-Unleaded 01/14/20		42.73
750240		Fuel-Unleaded 01/14/20		1.15
750240		Fuel-Unleaded 01/14/20		0.23
750240		Fuel-Unleaded 01/14/20		0.10
750240		Fuel-Unleaded 01/14/20		10.68
750240		Fuel-Unleaded 01/14/20		2.22
750240		Fuel-Unleaded 01/14/20		0.53
750240		Fuel-Unleaded 01/14/20		0.41
750240		Fuel-Unleaded 01/14/20		0.02
750240		Fuel-Unleaded 01/14/20		3.32
750240		Fuel-Unleaded 01/14/20		0.41
750240		Fuel-Unleaded 01/14/20		84.50
750240		Fuel-Unleaded 01/14/20		38.85
750240		Fuel-Unleaded 01/14/20		75.76
750240		Fuel-Unleaded 01/14/20		31.66
750240		Fuel-Unleaded 01/14/20		1.01
750240		Fuel-Unleaded 01/14/20		0.90
750240		Fuel-Unleaded 01/14/20		1.41
750273		Fuel-Unleaded 01/17/2020		0.71
750273		Fuel-Unleaded 01/17/2020		1.02
750273		Fuel-Unleaded 01/17/2020		12.14
750273		Fuel-Unleaded 01/17/2020		0.17
750273		Fuel-Unleaded 01/17/2020		3.78
750273		Fuel-Unleaded 01/17/2020		1.30
750273		Fuel-Unleaded 01/17/2020		459.08
750273		Fuel-Unleaded 01/17/2020		96.01
750273		Fuel-Unleaded 01/17/2020		1.03
750273		Fuel-Unleaded 01/17/2020		1.60
750273		Fuel-Unleaded 01/17/2020		1.12
750273		Fuel-Unleaded 01/17/2020		58.49
750273		Fuel-Unleaded 01/17/2020		0.06
750273		Fuel-Unleaded 01/17/2020		0.21
750273		Fuel-Unleaded 01/17/2020		0.46
750273		Fuel-Unleaded 01/17/2020		1.17
750273		Fuel-Unleaded 01/17/2020		0.60
750273		Fuel-Unleaded 01/17/2020		2.11
750273		Fuel-Unleaded 01/17/2020		22.07
750273		Fuel-Unleaded 01/17/2020		1.36
750273		Fuel-Unleaded 01/17/2020		0.11
750273		Fuel-Unleaded 01/17/2020		0.65
750273		Fuel-Unleaded 01/17/2020		0.83
750273		Fuel-Unleaded 01/17/2020		0.10
750273		Fuel-Unleaded 01/17/2020		0.47
750273		Fuel-Unleaded 01/17/2020		22.07
750273		Fuel-Unleaded 01/17/2020		0.04
750273		Fuel-Unleaded 01/17/2020		0.48
750273		Fuel-Unleaded 01/17/2020		0.02
750273		Fuel-Unleaded 01/17/2020		1.52
750273		Fuel-Unleaded 01/17/2020		2.52

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750273		Fuel-Unleaded	01/17/2020	0.07
750273		Fuel-Unleaded	01/17/2020	0.57
750273		Fuel-Unleaded	01/17/2020	1.09
750273		Fuel-Unleaded	01/17/2020	0.09
750273		Fuel-Unleaded	01/17/2020	47.45
750273		Fuel-Unleaded	01/17/2020	1.14
750273		Fuel-Unleaded	01/17/2020	0.35
750273		Fuel-Unleaded	01/17/2020	0.12
750273		Fuel-Unleaded	01/17/2020	0.77
750273		Fuel-Unleaded	01/17/2020	0.29
750273		Fuel-Unleaded	01/17/2020	0.67
750273		Fuel-Unleaded	01/17/2020	0.96
750273		Fuel-Unleaded	01/17/2020	1.41
750273		Fuel-Unleaded	01/17/2020	0.66
750273		Fuel-Unleaded	01/17/2020	0.89
750273		Fuel-Unleaded	01/17/2020	86.08
750273		Fuel-Unleaded	01/17/2020	5.42
750273		Fuel-Unleaded	01/17/2020	0.28
750273		Fuel-Unleaded	01/17/2020	17.66
750273		Fuel-Unleaded	01/17/2020	0.42
750273		Fuel-Unleaded	01/17/2020	0.06
750273		Fuel-Unleaded	01/17/2020	35.98
750273		Fuel-Unleaded	01/17/2020	4.41
750273		Fuel-Unleaded	01/17/2020	44.14
750273		Fuel-Unleaded	01/17/2020	0.32
750273		Fuel-Unleaded	01/17/2020	48.56
750273		Fuel-Unleaded	01/17/2020	0.05
750325		Fuel-Unleaded	01/24/2020	0.05
750325		Fuel-Unleaded	01/24/2020	0.54
750325		Fuel-Unleaded	01/24/2020	16.86
750325		Fuel-Unleaded	01/24/2020	1.09
750325		Fuel-Unleaded	01/24/2020	0.97
750325		Fuel-Unleaded	01/24/2020	0.09
750325		Fuel-Unleaded	01/24/2020	1.30
750325		Fuel-Unleaded	01/24/2020	0.11
750325		Fuel-Unleaded	01/24/2020	0.11
750325		Fuel-Unleaded	01/24/2020	0.20
750325		Fuel-Unleaded	01/24/2020	0.80
750325		Fuel-Unleaded	01/24/2020	1.53
750325		Fuel-Unleaded	01/24/2020	1.12
750325		Fuel-Unleaded	01/24/2020	0.02
750325		Fuel-Unleaded	01/24/2020	91.68
750325		Fuel-Unleaded	01/24/2020	21.08
750325		Fuel-Unleaded	01/24/2020	0.73
750325		Fuel-Unleaded	01/24/2020	0.98
750325		Fuel-Unleaded	01/24/2020	5.17
750325		Fuel-Unleaded	01/24/2020	0.58
750325		Fuel-Unleaded	01/24/2020	0.04
750325		Fuel-Unleaded	01/24/2020	1.24
750325		Fuel-Unleaded	01/24/2020	0.62
750325		Fuel-Unleaded	01/24/2020	0.94
750325		Fuel-Unleaded	01/24/2020	1.45
750325		Fuel-Unleaded	01/24/2020	0.63
750325		Fuel-Unleaded	01/24/2020	82.20
750325		Fuel-Unleaded	01/24/2020	0.16
750325		Fuel-Unleaded	01/24/2020	11.59
750325		Fuel-Unleaded	01/24/2020	2.41
750325		Fuel-Unleaded	01/24/2020	0.40
750325		Fuel-Unleaded	01/24/2020	21.08

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750325		Fuel-Unleaded	01/24/2020	1.04
750325		Fuel-Unleaded	01/24/2020	0.46
750325		Fuel-Unleaded	01/24/2020	0.46
750325		Fuel-Unleaded	01/24/2020	46.37
750325		Fuel-Unleaded	01/24/2020	0.06
750325		Fuel-Unleaded	01/24/2020	42.15
750325		Fuel-Unleaded	01/24/2020	0.27
750325		Fuel-Unleaded	01/24/2020	0.33
750325		Fuel-Unleaded	01/24/2020	2.01
750325		Fuel-Unleaded	01/24/2020	1.07
750325		Fuel-Unleaded	01/24/2020	55.85
750325		Fuel-Unleaded	01/24/2020	0.10
750325		Fuel-Unleaded	01/24/2020	0.85
750325		Fuel-Unleaded	01/24/2020	0.06
750325		Fuel-Unleaded	01/24/2020	4.22
750325		Fuel-Unleaded	01/24/2020	0.44
750325		Fuel-Unleaded	01/24/2020	0.68
750325		Fuel-Unleaded	01/24/2020	34.35
750325		Fuel-Unleaded	01/24/2020	1.34
750325		Fuel-Unleaded	01/24/2020	0.25
750325		Fuel-Unleaded	01/24/2020	0.44
750325		Fuel-Unleaded	01/24/2020	45.31
750325		Fuel-Unleaded	01/24/2020	0.30
750325		Fuel-Unleaded	01/24/2020	3.61
750325		Fuel-Unleaded	01/24/2020	0.64
750325		Fuel-Unleaded	01/24/2020	438.38
750366		Fuel-Unleaded	01/30/2020	0.32
750366		Fuel-Unleaded	01/30/2020	12.09
750366		Fuel-Unleaded	01/30/2020	1.40
750366		Fuel-Unleaded	01/30/2020	0.60
750366		Fuel-Unleaded	01/30/2020	0.83
750366		Fuel-Unleaded	01/30/2020	0.67
750366		Fuel-Unleaded	01/30/2020	0.35
750366		Fuel-Unleaded	01/30/2020	1.51
750366		Fuel-Unleaded	01/30/2020	47.27
750366		Fuel-Unleaded	01/30/2020	0.11
750366		Fuel-Unleaded	01/30/2020	35.84
750366		Fuel-Unleaded	01/30/2020	1.02
750366		Fuel-Unleaded	01/30/2020	0.28
750366		Fuel-Unleaded	01/30/2020	0.56
750366		Fuel-Unleaded	01/30/2020	4.40
750366		Fuel-Unleaded	01/30/2020	0.65
750366		Fuel-Unleaded	01/30/2020	0.42
750366		Fuel-Unleaded	01/30/2020	0.66
750366		Fuel-Unleaded	01/30/2020	0.12
750366		Fuel-Unleaded	01/30/2020	5.39
750366		Fuel-Unleaded	01/30/2020	0.05
750366		Fuel-Unleaded	01/30/2020	43.98
750366		Fuel-Unleaded	01/30/2020	0.97
750366		Fuel-Unleaded	01/30/2020	1.14
750366		Fuel-Unleaded	01/30/2020	0.46
750366		Fuel-Unleaded	01/30/2020	48.37
750366		Fuel-Unleaded	01/30/2020	0.77
750366		Fuel-Unleaded	01/30/2020	0.17
750366		Fuel-Unleaded	01/30/2020	1.59
750366		Fuel-Unleaded	01/30/2020	0.21
750366		Fuel-Unleaded	01/30/2020	0.07
750366		Fuel-Unleaded	01/30/2020	3.76
750366		Fuel-Unleaded	01/30/2020	0.06

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	750366	Fuel-Unleaded 01/30/2020		2.10
	750366	Fuel-Unleaded 01/30/2020		0.10
	750366	Fuel-Unleaded 01/30/2020		17.59
	750366	Fuel-Unleaded 01/30/2020		0.71
	750366	Fuel-Unleaded 01/30/2020		1.30
	750366	Fuel-Unleaded 01/30/2020		0.02
	750366	Fuel-Unleaded 01/30/2020		58.27
	750366	Fuel-Unleaded 01/30/2020		1.12
	750366	Fuel-Unleaded 01/30/2020		1.36
	750366	Fuel-Unleaded 01/30/2020		21.99
	750366	Fuel-Unleaded 01/30/2020		2.51
	750366	Fuel-Unleaded 01/30/2020		0.26
	750366	Fuel-Unleaded 01/30/2020		21.99
	750366	Fuel-Unleaded 01/30/2020		0.09
	750366	Fuel-Unleaded 01/30/2020		0.04
	750366	Fuel-Unleaded 01/30/2020		1.17
	750366	Fuel-Unleaded 01/30/2020		0.89
	750366	Fuel-Unleaded 01/30/2020		1.09
	750366	Fuel-Unleaded 01/30/2020		85.75
	750366	Fuel-Unleaded 01/30/2020		1.02
	750366	Fuel-Unleaded 01/30/2020		0.48
	750366	Fuel-Unleaded 01/30/2020		457.36
	750366	Fuel-Unleaded 01/30/2020		95.65
	750366	Fuel-Unleaded 01/30/2020		0.46
	750366	Fuel-Unleaded 01/30/2020		0.06
			Total for Check Number 1738:	6,568.35
1739	weststee	West Steel & Plastic Inc.	02/28/2020	
	220-01-155-01	Building dept services for Jan 2020		20,240.00
	220-01-155-06	Plan Review Jan 2020		5,554.45
	220-01-155-E360	eProcess 360 Monthly Subscription		800.00
			Total for Check Number 1739:	26,594.45
1740	chevprod	WEX BANK	02/28/2020	
	63958460	Finance charges		75.00
	63958460	Fuel for task force vehicle		62.82
			Total for Check Number 1740:	137.82
1741	WGRSOUTH 23358	WGR SOUTHWEST, INC. MS4 Compliance 01/01/20-01/31/20	02/28/2020	
				3,014.56
			Total for Check Number 1741:	3,014.56
1742	WINTON 597555	Winton-Ireland, Strom & Green Surety bond- Portillo V.	02/28/2020	
				175.00
			Total for Check Number 1742:	175.00
			Total for 2/28/2020:	416,938.57
			Report Total (101 checks):	586,739.87

STAFF REPORT

AGENDA ITEM: Approval of Warrant Register dated March 12, 2020

MEETING DATE: March 17, 2020

PREPARED BY: Nancy Fuentes, Sr. Account Clerk

REVIEWED BY: Jose Antonio Ramirez, City Manager

RECOMMENDATION:

Approve warrant register dated March 12, 2020

DISCUSSION:

In accordance with Section 37202 of the Government Code of the State of California there is presented here with a summary of the demands against the City of Livingston covering obligations to be paid during the period of:

March 3, 2020- March 12, 2020

Each demand has been audited and I hereby certify to their accuracy and that there are sufficient funds for their payment as of this date.

**IT IS HEREBY RECOMMENDED THE CITY COUNCIL
APPROVE THE REGISTER OF DEMANDS AS FOLLOWS:**

GENERAL WARRANTS.....	\$ 141,780.29	1743-1813
PAYROLL/WIRE WARRANTS.....	\$ 186,019.81	1191-1209
TOTAL WARRANTS.....	\$ 327,800.10	

ATTACHMENTS:

Accounts payable checks by date, summary by check number register.

Accounts Payable

Checks by Date - Detail by Check Date

User: nfuentes
 Printed: 3/12/2020 6:15 PM



City of Livingston
 1416 C Street
 Livingston, CA 95334

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
1743	abs 122508 122508 122508	ABS Direct, Inc. Utility Statements & Monthly Flyers TCP, Tire d Utility Statements & Monthly Flyers TCP, Tire d Utility Statements & Monthly Flyers TCP, Tire d	03/12/2020	566.94 350.78 711.08
Total for Check Number 1743:				1,628.80
1744	AguilMar 001 001a	Marina Aguilar-Bravo Mem Park Cancelled 04/25/2020 Mem Park Cancelled 04/25/2020	03/12/2020	150.00 45.00
Total for Check Number 1744:				195.00
1745	ALLWAYS 058264	Allways Towing LLC Evidence Vehicle Towing	03/12/2020	180.00
Total for Check Number 1745:				180.00
1746	AFAFLEX	American Fidelity Assurance Company PR Batch 00022.02.2020 Health FSA	03/12/2020 PR Batch 00022.02.2020 Hea	195.82
Total for Check Number 1746:				195.82
1747	calnet 000014403729	AT&T DOJ Connection	03/12/2020	240.26
Total for Check Number 1747:				240.26
1748	bavco 933877 940961	Backflow Apparatus & Valve Co. Backflow parts for repairs Sports Complex springs & check of Backflow	03/12/2020	647.00 124.22
Total for Check Number 1748:				771.22
1749	belkorp 619757	Belkorp Ag, LLC Gauge & Switch for John Deere Mower	03/12/2020	203.24
Total for Check Number 1749:				203.24
1750	Boisemob 19892	Boise Mobile Equipment, Inc. Door Replacement for E-696	03/12/2020	1,605.83
Total for Check Number 1750:				1,605.83
1751	bsk AD03549 AD03920 AD04055	BSK Associates Arsenic, CA DW ICPMS Quanti- Tray 2000 Total Coliform & E. Coli R/1 Arsenic, CA DW ICPMS	03/12/2020	80.00 150.00 80.00
Total for Check Number 1751:				310.00
1752	CALAVERA	Calaveras Materials Inc.	03/12/2020	

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	2097272	Base Rock (To satisfy SB1MOE Requirement)		200.59
			Total for Check Number 1752:	200.59
1753	CALTRAFF 19612	Cal-Traffic DWWTP Signs for testing wells	03/12/2020	136.55
			Total for Check Number 1753:	136.55
1754	CVC 129752	Central Valley Concrete Inc. (Measure V) 1st Street & I Street Sidewalk/curb	03/12/2020	1,174.53
			Total for Check Number 1754:	1,174.53
1755	charter 0085239030120	Charter Communications PD TV & Internet	03/12/2020	189.38
			Total for Check Number 1755:	189.38
1756	cityliv	City of Livingston c/o L & L Dist. Irrigation	03/12/2020	
	2292020	UB Billing for February 2020 Police Dept		152.52
	2292020	UB Billing for February 2020 Don Meyer		23.23
	2292020	UB Billing for February 2020 Ark Park		9.87
	2292020	UB Billing for February 2020 Ark Park		6.01
	2292020	UB Billing for February 2020 Ark Park		5.66
	2292020	UB Billing for February 2020 Don Meyer		7.94
	2292020	UB Billing for February 2020 Joseph Gallo		4.41
	2292020	UB Billing for February 2020 420 Main St		166.43
	2292020	UB Billing for February 2020 Max Foster		32.25
	2292020	UB Billing for February 2020 Corp Yard		53.34
	2292020	UB Billing for February 2020 Singh Park		0.55
	2292020	UB Billing for February 2020 Don Meyer		1.97
	2292020	UB Billing for February 2020 Max Foster		13.14
	2292020	UB Billing for February 2020 Fred Worden		6.24
	2292020	UB Billing for February 2020 Ark Park		5.08
	2292020	UB Billing for February 2020 Ark Park		10.96
	2292020	UB Billing for February 2020 Joseph Gallo		43.59
	2292020	UB Billing for February 2020 Singh Park		2.80
	2292020	UB Billing for February 2020 Z16 Island Winton		92.56
	2292020	UB Billing for February 2020 Ark Park		0.94
	2292020	UB Billing for February 2020 Joseph Gallo		1.69
	2292020	UB Billing for February 2020 Joseph Gallo		36.83
	2292020	UB Billing for February 2020 City Hall		30.50
	2292020	UB Billing for February 2020 Ark Park		3.92
	2292020	UB Billing for February 2020 Singh Park		2.98
	2292020	UB Billing for February 2020 Ark Park		1.77
	2292020	UB Billing for February 2020 Don Meyer		19.48
	2292020	UB Billing for February 2020 Don Meyer		16.46
	2292020	UB Billing for February 2020 Max Foster		1.25
	2292020	UB Billing for February 2020 Max Foster		27.23
	2292020	UB Billing for February 2020 Joseph Gallo		2.32
	2292020	UB Billing for February 2020 Z16 Westskde and		80.43
	2292020	UB Billing for February 2020 Z16 Winton Pkwy		80.43
	2292020	UB Billing for February 2020 Fred Worden		10.66
	2292020	UB Billing for February 2020 Joseph Gallo		25.64
	2292020	UB Billing for February 2020 Joseph Gallo		45.84
	2292020	UB Billing for February 2020 Max Foster		33.09
	2292020	UB Billing for February 2020 Z13 Peach and Pa		28.18
	2292020	UB Billing for February 2020 Fire Dept		28.18
	2292020	UB Billing for February 2020 Joseph Gallo		13.25
	2292020	UB Billing for February 2020 Joseph Gallo		17.76

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
2292020		UB Billing for February 2020 Don Meyer		8.18
2292020		UB Billing for February 2020 Z16 Island on Wir		80.43
2292020		UB Billing for February 2020 Ark Park		9.62
2292020		UB Billing for February 2020 Max Foster		5.92
2292020		UB Billing for February 2020 Max Foster		1.64
2292020		UB Billing for February 2020 NE Corner Wintor		92.56
2292020		UB Billing for February 2020 Joseph Gallo		18.32
2292020		UB Billing for February 2020 Fred Worden		7.16
2292020		UB Billing for February 2020 Don Meyer		20.48
2292020		UB Billing for February 2020 Fred Worden		8.46
2292020		UB Billing for February 2020 Don Meyer		7.13
2292020		UB Billing for February 2020 Joseph Gallo		4.28
2292020		UB Billing for February 2020 Singh Park		5.78
2292020		UB Billing for February 2020 Fred Worden		40.34
2292020		UB Billing for February 2020 Z14 Walnut and A		28.18
2292020		UB Billing for February 2020 Max Foster		38.45
2292020		UB Billing for February 2020 Singh Park		4.76
2292020		UB Billing for February 2020 Fred Worden		3.13
2292020		UB Billing for February 2020 Z13 Emerald and '		92.56
2292020		UB Billing for February 2020 Peach/2nd sew lift		28.18
2292020		UB Billing for February 2020 Corp Yard		53.34
2292020		UB Billing for February 2020 Fred Worden		14.40
2292020		UB Billing for February 2020 City Hall		19.83
2292020		UB Billing for February 2020 Z6 Peach W. Lift :		50.27
2292020		UB Billing for February 2020 Council Chambers		72.02
2292020		UB Billing for February 2020 Childcare center		185.12
2292020		UB Billing for February 2020 Lanscape of Robit		201.68
2292020		UB Billing for February 2020 Irrig winton prk is		80.43
2292020		UB Billing for February 2020 Singh Park		0.29
2292020		UB Billing for February 2020 Ark Park		11.47
2292020		UB Billing for February 2020 Singh Park		0.30
2292020		UB Billing for February 2020 Joseph Gallo		51.98
2292020		UB Billing for February 2020 Max Foster		16.00
2292020		UB Billing for February 2020 Joseph Gallo		15.95
2292020		UB Billing for February 2020 Max Foster		373.01
2292020		UB Billing for February 2020 Fred Worden		19.42
2292020		UB Billing for February 2020 Max Foster		36.74
2292020		UB Billing for February 2020 Ark Park		3.52
2292020		UB Billing for February 2020 Don Meyer		19.99
2292020		UB Billing for February 2020 Fred Worden		17.05
2292020		UB Billing for February 2020 Ark Park		0.51
2292020		UB Billing for February 2020 Singh Park		1.04
2292020		UB Billing for February 2020 Ark Park		91.03
2292020		UB Billing for February 2020 Musuem		72.02
2292020		UB Billing for February 2020 Fred Worden		10.03
2292020		UB Billing for February 2020 Max Foster		3.26
2292020		UB Billing for February 2020 Z14 Dwight & Tel		28.18
2292020		UB Billing for February 2020 Max Foster		17.04
2292020		UB Billing for February 2020 Fred Worden		6.95
2292020		UB Billing for February 2020 Corp Yard		54.95
2292020		UB Billing for February 2020 Memorial Park		415.20
2292020		UB Billing for February 2020 Singh Park		5.64
2292020		UB Billing for February 2020 Singh Park		0.22
2292020		UB Billing for February 2020 Joseph Gallo		27.25
2292020		UB Billing for February 2020 Don Meyer		11.45
2292020		UB Billing for February 2020 Singh Park		2.37
2292020		UB Billing for February 2020 Singh Park		2.30
2292020		UB Billing for February 2020 Ark Park		8.13
2292020		UB Billing for February 2020 Z 15 Lilac Ave		25.13

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
2292020		UB Billing for February 2020 Don Meyer		0.99
2292020		UB Billing for February 2020 Singh Park		6.72
2292020		UB Billing for February 2020 620 Main st		92.56
2292020		UB Billing for February 2020 Don Meyer		9.67
2292020		UB Billing for February 2020 Fred Worden		1.67
2292020		UB Billing for February 2020 Max Foster		1.71
2292020		UB Billing for February 2020 Joseph Gallo		44.73
2292020		UB Billing for February 2020 Don Meyer		0.75
2292020		UB Billing for February 2020 Fred Worden		20.33
2292020		UB Billing for February 2020 Fred Worden		9.01
2292020		UB Billing for February 2020 Z13b Winton and		80.43
2292020		UB Billing for February 2020 City Hall		82.36
2292020		UB Billing for February 2020 Max Foster		18.96
2292020		UB Billing for February 2020 Fred Worden		0.87
2292020		UB Billing for February 2020 Don Meyer		1.91
2292020		UB Billing for February 2020 Singh Park		53.35
2292020		UB Billing for February 2020 Fred Worden		0.66
2292020		UB Billing for February 2020 Max Foster		11.80
2292020		UB Billing for February 2020 Ark Park		0.37
2292020		UB Billing for February 2020 641 Main St		88.14
2292020		UB Billing for February 2020 Don Meyer		10.29
2292020		UB Billing for February 2020 Joseph Gallo		21.64
2292020		UB Billing for February 2020 Don Meyer		22.19
2292020		UB Billing for February 2020 Don Meyer		5.92
2292020		UB Billing for February 2020 Narada Sew Lift		28.18
2292020		UB Billing for February 2020 Joseph Gallo		49.66
2292020		UB Billing for February 2020 Singh Park		3.32
2292020		UB Billing for February 2020 Ark Park		2.92
2292020		UB Billing for February 2020 Ark Park		0.97
2292020		UB Billing for February 2020 Singh Park		2.06
2292020		UB Billing for February 2020 Joseph Gallo		23.04
2292020		UB Billing for February 2020 Don Meyer		12.18
2292020		UB Billing for February 2020 Max Foster		9.80
2292020		UB Billing for February 2020 Singh Park		1.71
2292020		UB Billing for February 2020 Joseph Gallo		2.22
2292020		UB Billing for February 2020 Max Foster		20.16
2292020		UB Billing for February 2020 Lil Guys field		72.02
2292020		UB Billing for February 2020 Fred Worden		5.18
2292020		UB Billing for February 2020 Don Meyer		3.58
2292020		UB Billing for February 2020 Singh Park		3.52
2292020		UB Billing for February 2020 Max Foster		3.17
2292020		UB Billing for February 2020 Don Meyer		1.04
2292020		UB Billing for February 2020 Ark Park		0.49
2292020		UB Billing for February 2020 Joseph Gallo		8.01
2292020		UB Billing for February 2020 APE Across from		201.68
2292020		UB Billing for February 2020 Max Foster		13.55
2292020		UB Billing for February 2020 Fred Worden		1.72
2292020		UB Billing for February 2020 Ark Park		4.04
2292020		UB Billing for February 2020 Lucero Park		92.56
2292020		UB Billing for February 2020 City Hall		19.83
2292020		UB Billing for February 2020 Singh Park		6.42
2292020		UB Billing for February 2020 Fred Worden		0.91
2292020		UB Billing for February 2020 Fred Worden		17.49
2292020		UB Billing for February 2020 Z13b Peach Ave &		92.56
2292020		UB Billing for February 2020 Lil Guys Park		61.38
2292020		UB Billing for February 2020 Ark Park		4.77
2292020		UB Billing for February 2020 Singh Park		0.57

Total for Check Number 1756:

5,036.19

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
1757	collinss 1016	Collins & Schoettler Planning Consultants, Planning Consulting Jan 2020	03/12/2020	9,187.50
Total for Check Number 1757:				9,187.50
1758	MOVING 200491077	ComTech21 PD Long Distance	03/12/2020	36.73
Total for Check Number 1758:				36.73
1759	cooling 1230-455 1230-455 1230-455 1230-455 1230-455 1230-455 1230-455 1230-455	Cooling Shedd Air Conditioning inspected and changed filters Rec 03/02/20 inspected and changed filters Museum 03/02/2020 inspected and changed filters CCH 03/02/2020 inspected and changed filters SR. Center 03/02/2020 inspected and changed filters CH 03/02/2020 inspected and changed filters PW 03/02/2020 inspected and changed filters Child Dev.03/02/2020 inspected and changed filters DWWTP 03/02/2020	03/12/2020	53.60 53.60 53.60 53.60 53.60 53.56 53.60 53.60
Total for Check Number 1759:				428.76
1760	DONS ITUR383871	Don's Mobile Glass Windshield for Police Chief	03/12/2020	774.04
Total for Check Number 1760:				774.04
1761	doras 1634	Dora's Fashions Fourth of July Canopy tables and chairs	03/12/2020	1,406.00
Total for Check Number 1761:				1,406.00
1762	EsquivLe 002	Leticia Esquivel Facility rental deposit refund rental 02/29/2020	03/12/2020	150.00
Total for Check Number 1762:				150.00
1763	EZAUTO 327257 327299 327463 327464 327795 327880	EZ Auto Supply - Napa Extractor screw long taper drill bit for sewer lift timer for battery charger Radiator hose for sewer truck 07-36 hose clamps for sewer truck 07-36 oil filter for city manafers vehicle Anti Freeze	03/12/2020	46.67 79.01 37.49 12.69 26.93 25.84
Total for Check Number 1763:				228.63
1764	FORSTA 21621	FORSTA FILTERS INC. Quote #Q20030 (Rework of self-cleaning filter a	03/12/2020	2,463.56
Total for Check Number 1764:				2,463.56
1765	frantz 215475 215475 215475	Frantz Wholesale Nursery, LLC Acknowledgement Order #215475 (3-Crape Dyr Acknowledgement Order #215475 (3-Crape Dyr Acknowledgement Order #215475 (3-Crape Dyr	03/12/2020	2,100.00 144.00 349.82
Total for Check Number 1765:				2,593.82
1766	frontier 20939479160320 20939495320320	Frontier PD Phones Museum Phone Services 02/25-03/24	03/12/2020	1,060.86 80.34

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 1766:	1,141.20
1767	GARZA 901153 901156	Garza Tire & Wheel Inc. Valve stem replace Tires & Wheel Alignment sewer truck	03/12/2020	37.53 485.30
			Total for Check Number 1767:	522.83
1768	GOLSTA I-061507 I-062194	Golden State Flow Measurement MXU & Registers MXU & Registers	03/12/2020	2,806.09 561.96
			Total for Check Number 1768:	3,368.05
1769	GWE 19618 19618 19618	Great West Equipment, Inc. Kit, Strainer, Packing Parts for Compactor Kit, Strainer, Packing Parts for Compactor Kit, Strainer, Packing Parts for Compactor	03/12/2020	27.71 27.69 27.69
			Total for Check Number 1769:	83.09
1770	GreatAme 26522753	GreatAmerica Financial Svcs. Dannas Lanier Printer Lease	03/12/2020	93.66
			Total for Check Number 1770:	93.66
1771	HALP 2-006	Jennifer Halpin MCR/ MOR Compliance	03/12/2020	106.25
			Total for Check Number 1771:	106.25
1772	hansford 122 122 122	Hansford Economic Consulting City of Livingston Rate Studies 2019 City of Livingston Rate Studies 2019 City of Livingston Rate Studies 2019	03/12/2020	110.42 110.42 110.41
			Total for Check Number 1772:	331.25
1773	Hewlett 600628189 600628189 600628189 600628189 600628189 600628189 600628189 600628189 600628189 600628189	Hewlett-Packard Financial Services Co. HP Computer Lease Recreation Fund HP Computer Lease Public Work Fund HP Computer Lease CFD Fund HP Computer Lease Water Fund HP Computer Lease Sanitation Fund HP Computer Lease Police Fund HP Computer Lease Admin Fund HP Computer Lease Building Fund Hp computer lease Sewer Fund	03/12/2020	56.69 34.02 272.12 113.38 113.38 268.38 79.03 83.45 113.39
			Total for Check Number 1773:	1,133.84
1774	hillumbr 398345 398345 400534 400538 401474 401533	Hilmar Lumber Measure V I & First Old Mill Lap Siding Ratchet straps to tie down Lil guys Bleachers Parts Lil guys Bleachers Parts Cement tool for city wide sidewalk DWWTP Black tarp cover sludge	03/12/2020	111.66 23.66 26.82 10.75 40.92 214.41
			Total for Check Number 1774:	428.22

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
1775	HINDER 0033129-IN 0033129-IN1	Hinderliter De LLamas & Assoc. Contract Services- Sales Tax 1st Quarter Audit Services- Sales Tax Quarter 3 2019	03/12/2020	975.00 615.98
Total for Check Number 1775:				1,590.98
1776	hitectra 27530	Hi-Tec Transmission & Auto Shop truck Diagnosed Transmission	03/12/2020	100.00
Total for Check Number 1776:				100.00
1777	Imagesou 25AR1085492 25AR1085492 25AR1085492 25AR1085492 25AR1085492 25AR1085492 25AR1085492 25AR1085492 25AR1085492 25AR1097093	Image Source Black and color copies Happy and Finance Copi Black and color copies Happy and Finance Copi Black and color copies Happy and Finance Copi Black and color copies Happy and Finance Copi Black and color copies Happy and Finance Copi Black and color copies Happy and Finance Copi Black and color copies Happy and Finance Copi Black and color copies Happy and Finance Copi Black and color copies Happy and Finance Copi Black and color copies Black and color copies Black and color copies Black and color copies Dannas Printer Black and color copies Black and color copies Dannas Printer Black and color copies Black and color copies Dannas Printer Black and color copies Black and color copies Black and color copies Dannas Printer Black and color copies Dannas Printer Black and color copies Dannas Printer Black and color copies Dannas Printer Black and color copies Dannas Printer Black and color copies Black and color copies Dannas Printer Black and color copies	03/12/2020	40.77 40.77 40.77 40.77 40.77 40.78 40.77 40.77 302.61 0.08 15.68 22.02 93.35 21.99 5.75 22.02 5.75 3.25 22.02 22.02 22.02 22.02 15.22 22.02 22.02 15.22 5.75
Total for Check Number 1777:				949.74
1778	INSHP	In-Shape Health Clubs, Inc PR Batch 00014.12.2019 In-Shape Fitness Club PR Batch 00028.12.2019 In-Shape Fitness Club	03/12/2020 PR Batch 00014.12.2019 In-S PR Batch 00028.12.2019 In-S	60.00 60.00
Total for Check Number 1778:				120.00
1779	intersta 90046238 90046239	Interstate All Battery Center Battery for P-05 & P-011 PD Veh Battery for leaf vacuum	03/12/2020	277.73 46.20
Total for Check Number 1779:				323.93
1780	jlanal 493181 5542	J L Analytical Services Inc. DWWTP Weekly & Monthly Lab Samples DWWTP Lab Sample Pick up	03/12/2020	267.00 20.00
Total for Check Number 1780:				287.00
1781	kimball 7748865 7748865	Kimball Midwest Washers/ Screws/ Cable tie/ Valve for dept Washers/ Screws/ Cable tie/ Valve for dept	03/12/2020	19.91 19.96

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	7748865	Washers/ Screws/ Cable tie/ Valve for dept		20.62
	7748865	Washers/ Screws/ Cable tie/ Valve for dept		20.62
	7748865	Washers/ Screws/ Cable tie/ Valve for dept		20.62
	7748865	Washers/ Screws/ Cable tie/ Valve for dept		19.91
	7748865	Washers/ Screws/ Cable tie/ Valve for dept		20.62
			Total for Check Number 1781:	142.26
1782	larue	La Rue Communications	03/12/2020	
	7178	Radio Maintenance Contract		1,061.00
	7196	Radio Computer Installation		2,475.00
			Total for Check Number 1782:	3,536.00
1783	language 4754977	Language Line Services Translation Service for PD	03/12/2020	
				330.88
			Total for Check Number 1783:	330.88
1784	UB*01901	LIVINGSTON 172 LP	03/12/2020	
		Refund Check 110773-000, 2213 NATSU RD.		2.92
		Refund Check 110773-000, 2213 NATSU RD.		1.68
		Refund Check 110773-000, 2213 NATSU RD.		0.20
			Total for Check Number 1784:	4.80
1785	MendoMar 001 001a	Maria de la Luz Mendoza Park Deposit Refund Max Foster 03/07/2020 Park Rental Refund Max Foster 03/07/2020	03/12/2020	
				150.00
				45.00
			Total for Check Number 1785:	195.00
1786	MERCOMM 111610	Merced Pest Control Range Pest Control	03/12/2020	
				80.00
			Total for Check Number 1786:	80.00
1787	midvalle 202136910	Mid Valley IT HDMI Cable Adapters for Radio Computers	03/12/2020	
				60.35
			Total for Check Number 1787:	60.35
1788	MISSION	Mission Linen Supply	03/12/2020	
	511484559	Fire Dept Towel Dust Mop and Mat 12/25/2019		79.52
	511525479	Senior Center Mop and Mat Service 01/01/2020		24.91
	511870722	Uniform Service & Supplies 02/19/2020		1.13
	511870722	Uniform Service & Supplies 02/19/2020		0.35
	511870722	Uniform Service & Supplies 02/19/2020		3.08
	511870722	Uniform Service & Supplies 02/19/2020		0.06
	511870722	Uniform Service & Supplies 02/19/2020		0.41
	511870722	Uniform Service & Supplies 02/19/2020		0.86
	511870722	Uniform Service & Supplies 02/19/2020		0.13
	511870722	Uniform Service & Supplies 02/19/2020		0.08
	511870722	Uniform Service & Supplies 02/19/2020		14.85
	511870722	Uniform Service & Supplies 02/19/2020		0.55
	511870722	Uniform Service & Supplies 02/19/2020		0.59
	511870722	Uniform Service & Supplies 02/19/2020		68.80
	511870722	Uniform Service & Supplies 02/19/2020		0.55
	511870722	Uniform Service & Supplies 02/19/2020		0.02
	511870722	Uniform Service & Supplies 02/19/2020		0.60
	511870722	Uniform Service & Supplies 02/19/2020		0.19
	511870722	Uniform Service & Supplies 02/19/2020		1.35

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	511870722	Uniform Service & Supplies	02/19/2020	0.18
	511870722	Uniform Service & Supplies	02/19/2020	0.45
	511870722	Uniform Service & Supplies	02/19/2020	0.08
	511870722	Uniform Service & Supplies	02/19/2020	0.25
	511870722	Uniform Service & Supplies	02/19/2020	13.33
	511870722	Uniform Service & Supplies	02/19/2020	0.17
	511870722	Uniform Service & Supplies	02/19/2020	0.03
	511870722	Uniform Service & Supplies	02/19/2020	10.21
	511870722	Uniform Service & Supplies	02/19/2020	2.03
	511870722	Uniform Service & Supplies	02/19/2020	0.01
	511870722	Uniform Service & Supplies	02/19/2020	0.36
	511870722	Uniform Service & Supplies	02/19/2020	0.03
	511870722	Uniform Service & Supplies	02/19/2020	0.82
	511870722	Uniform Service & Supplies	02/19/2020	13.56
	511870722	Uniform Service & Supplies	02/19/2020	0.15
	511870722	Uniform Service & Supplies	02/19/2020	0.48
	511870722	Uniform Service & Supplies	02/19/2020	0.06
	511870722	Uniform Service & Supplies	02/19/2020	0.10
	511870722	Uniform Service & Supplies	02/19/2020	0.01
	511870722	Uniform Service & Supplies	02/19/2020	0.01
	511870722	Uniform Service & Supplies	02/19/2020	0.01
	511870722	Uniform Service & Supplies	02/19/2020	0.09
	511870722	Uniform Service & Supplies	02/19/2020	0.16
	511870722	Uniform Service & Supplies	02/19/2020	0.05
	511870722	Uniform Service & Supplies	02/19/2020	0.76
	511870722	Uniform Service & Supplies	02/19/2020	0.14
	511870722	Uniform Service & Supplies	02/19/2020	0.59
	511870722	Uniform Service & Supplies	02/19/2020	0.06
	511870722	Uniform Service & Supplies	02/19/2020	0.05
	511870722	Uniform Service & Supplies	02/19/2020	14.88
	511870722	Uniform Service & Supplies	02/19/2020	0.16
	511870722	Uniform Service & Supplies	02/19/2020	0.07
	511870722	Uniform Service & Supplies	02/19/2020	2.91
	511870722	Uniform Service & Supplies	02/19/2020	0.04
	511870722	Uniform Service & Supplies	02/19/2020	0.02
	511870722	Uniform Service & Supplies	02/19/2020	0.09
	511917988	Uniform Service & Supplies	02/26/2020	0.01
	511917988	Uniform Service & Supplies	02/26/2020	0.16
	511917988	Uniform Service & Supplies	02/26/2020	0.31
	511917988	Uniform Service & Supplies	02/26/2020	0.16
	511917988	Uniform Service & Supplies	02/26/2020	0.11
	511917988	Uniform Service & Supplies	02/26/2020	0.53
	511917988	Uniform Service & Supplies	02/26/2020	0.13
	511917988	Uniform Service & Supplies	02/26/2020	0.71
	511917988	Uniform Service & Supplies	02/26/2020	0.07
	511917988	Uniform Service & Supplies	02/26/2020	20.78
	511917988	Uniform Service & Supplies	02/26/2020	0.42
	511917988	Uniform Service & Supplies	02/26/2020	0.01
	511917988	Uniform Service & Supplies	02/26/2020	0.75
	511917988	Uniform Service & Supplies	02/26/2020	0.01
	511917988	Uniform Service & Supplies	02/26/2020	0.01
	511917988	Uniform Service & Supplies	02/26/2020	0.02
	511917988	Uniform Service & Supplies	02/26/2020	15.22
	511917988	Uniform Service & Supplies	02/26/2020	0.05
	511917988	Uniform Service & Supplies	02/26/2020	0.01
	511917988	Uniform Service & Supplies	02/26/2020	0.59
	511917988	Uniform Service & Supplies	02/26/2020	0.13
	511917988	Uniform Service & Supplies	02/26/2020	0.12
	511917988	Uniform Service & Supplies	02/26/2020	0.05

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	511917988	Uniform Service & Supplies 02/26/2020		0.36
	511917988	Uniform Service & Supplies 02/26/2020		9.34
	511917988	Uniform Service & Supplies 02/26/2020		18.77
	511917988	Uniform Service & Supplies 02/26/2020		0.66
	511917988	Uniform Service & Supplies 02/26/2020		0.04
	511917988	Uniform Service & Supplies 02/26/2020		10.86
	511917988	Uniform Service & Supplies 02/26/2020		2.54
	511917988	Uniform Service & Supplies 02/26/2020		0.03
	511917988	Uniform Service & Supplies 02/26/2020		0.06
	511917988	Uniform Service & Supplies 02/26/2020		1.18
	511917988	Uniform Service & Supplies 02/26/2020		0.01
	511917988	Uniform Service & Supplies 02/26/2020		0.99
	511917988	Uniform Service & Supplies 02/26/2020		0.08
	511917988	Uniform Service & Supplies 02/26/2020		0.15
	511917988	Uniform Service & Supplies 02/26/2020		0.07
	511917988	Uniform Service & Supplies 02/26/2020		0.51
	511917988	Uniform Service & Supplies 02/26/2020		0.08
	511917988	Uniform Service & Supplies 02/26/2020		0.05
	511917988	Uniform Service & Supplies 02/26/2020		37.08
	511917988	Uniform Service & Supplies 02/26/2020		1.77
	511917988	Uniform Service & Supplies 02/26/2020		0.48
	511917988	Uniform Service & Supplies 02/26/2020		0.39
	511917988	Uniform Service & Supplies 02/26/2020		0.22
	511917988	Uniform Service & Supplies 02/26/2020		0.15
	511917988	Uniform Service & Supplies 02/26/2020		0.03
	511917988	Uniform Service & Supplies 02/26/2020		0.48
	511917988	Uniform Service & Supplies 02/26/2020		0.31
	511917988	Uniform Service & Supplies 02/26/2020		0.05
	511917988	Uniform Service & Supplies 02/26/2020		15.55
	511917988	Uniform Service & Supplies 02/26/2020		0.02
	511917989	Uniform Service and Janitorial Supplies 02/26/2020		18.95
	511917989	Uniform Service and Janitorial Supplies 02/26/2020		3.41
	511917989	Uniform Service and Janitorial Supplies 02/26/2020		3.98
	511917989	Uniform Service and Janitorial Supplies 02/26/2020		3.41
	511917989	Uniform Service and Janitorial Supplies 02/26/2020		18.95
	511917989	Uniform Service and Janitorial Supplies 02/26/2020		3.98
	511917989	Uniform Service and Janitorial Supplies 02/26/2020		18.96
	511917989	Uniform Service and Janitorial Supplies 02/26/2020		9.95
	511918002	Senior Center Mop and Mat Service 02/26/2020		24.91
	511967263	Uniform Service & Supplies 03/04/2020		0.08
	511967263	Uniform Service & Supplies 03/04/2020		0.03
	511967263	Uniform Service & Supplies 03/04/2020		10.20
	511967263	Uniform Service & Supplies 03/04/2020		0.22
	511967263	Uniform Service & Supplies 03/04/2020		0.53
	511967263	Uniform Service & Supplies 03/04/2020		1.19
	511967263	Uniform Service & Supplies 03/04/2020		0.04
	511967263	Uniform Service & Supplies 03/04/2020		0.01
	511967263	Uniform Service & Supplies 03/04/2020		0.31
	511967263	Uniform Service & Supplies 03/04/2020		0.31
	511967263	Uniform Service & Supplies 03/04/2020		0.08
	511967263	Uniform Service & Supplies 03/04/2020		39.74
	511967263	Uniform Service & Supplies 03/04/2020		1.78
	511967263	Uniform Service & Supplies 03/04/2020		0.01
	511967263	Uniform Service & Supplies 03/04/2020		0.01
	511967263	Uniform Service & Supplies 03/04/2020		0.08
	511967263	Uniform Service & Supplies 03/04/2020		0.42
	511967263	Uniform Service & Supplies 03/04/2020		0.14
	511967263	Uniform Service & Supplies 03/04/2020		0.39
	511967263	Uniform Service & Supplies 03/04/2020		13.74

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	511967263	Uniform Service & Supplies 03/04/2020		14.93
	511967263	Uniform Service & Supplies 03/04/2020		0.75
	511967263	Uniform Service & Supplies 03/04/2020		0.48
	511967263	Uniform Service & Supplies 03/04/2020		0.02
	511967263	Uniform Service & Supplies 03/04/2020		15.31
	511967263	Uniform Service & Supplies 03/04/2020		0.07
	511967263	Uniform Service & Supplies 03/04/2020		0.99
	511967263	Uniform Service & Supplies 03/04/2020		0.48
	511967263	Uniform Service & Supplies 03/04/2020		13.57
	511967263	Uniform Service & Supplies 03/04/2020		0.05
	511967263	Uniform Service & Supplies 03/04/2020		0.05
	511967263	Uniform Service & Supplies 03/04/2020		2.55
	511967263	Uniform Service & Supplies 03/04/2020		0.71
	511967263	Uniform Service & Supplies 03/04/2020		0.04
	511967263	Uniform Service & Supplies 03/04/2020		0.05
	511967263	Uniform Service & Supplies 03/04/2020		0.15
	511967263	Uniform Service & Supplies 03/04/2020		0.66
	511967263	Uniform Service & Supplies 03/04/2020		0.08
	511967263	Uniform Service & Supplies 03/04/2020		0.12
	511967263	Uniform Service & Supplies 03/04/2020		0.51
	511967263	Uniform Service & Supplies 03/04/2020		0.36
	511967263	Uniform Service & Supplies 03/04/2020		0.11
	511967263	Uniform Service & Supplies 03/04/2020		0.59
	511967263	Uniform Service & Supplies 03/04/2020		0.06
	511967263	Uniform Service & Supplies 03/04/2020		0.01
	511967263	Uniform Service & Supplies 03/04/2020		0.15
	511967263	Uniform Service & Supplies 03/04/2020		0.01
	511967263	Uniform Service & Supplies 03/04/2020		3.93
	511967263	Uniform Service & Supplies 03/04/2020		0.13
	511967263	Uniform Service & Supplies 03/04/2020		0.05
	511967263	Uniform Service & Supplies 03/04/2020		0.01
	511967263	Uniform Service & Supplies 03/04/2020		0.02
	511967263	Uniform Service & Supplies 03/04/2020		0.13
	511967264	Uniform Service and Janitorial Supplies 03/04/2020		18.95
	511967264	Uniform Service and Janitorial Supplies 03/04/2020		3.41
	511967264	Uniform Service and Janitorial Supplies 03/04/2020		18.96
	511967264	Uniform Service and Janitorial Supplies 03/04/2020		18.95
	511967264	Uniform Service and Janitorial Supplies 03/04/2020		3.98
	511967264	Uniform Service and Janitorial Supplies 03/04/2020		9.95
	511967264	Uniform Service and Janitorial Supplies 03/04/2020		3.41
	511967264	Uniform Service and Janitorial Supplies 03/04/2020		3.98
			Total for Check Number 1788:	717.63
1789	N&S	N & S Tractor	03/12/2020	
	IT99021	Conenser, Bumper grill, Cooler assy for case bac		352.47
	IT99021	Conenser, Bumper grill, Cooler assy for case bac		352.47
	IT99021	Conenser, Bumper grill, Cooler assy for case bac		352.57
			Total for Check Number 1789:	1,057.51
1790	national	National Auto Fleet Group	03/12/2020	
	1308	Quote #10816 (2020 Chevrolet Silverado 1500 2		221.58
	1308	Quote #10816 (2020 Chevrolet Silverado 1500 2		290.08
	1308	Quote #10816 (2020 Chevrolet Silverado 1500 2		44.24
	1308	Quote #10816 (2020 Chevrolet Silverado 1500 2		204.40
	1308	Quote #10816 (2020 Chevrolet Silverado 1500 2		374.31
	1308	Quote #10816 (2020 Chevrolet Silverado 1500 2		236.93
	1308	Quote #10816 (2020 Chevrolet Silverado 1500 2		403.66
	1308	Quote #10816 (2020 Chevrolet Silverado 1500 2		669.95

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		172.96
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		73.84
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		7,509.46
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		271.35
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		1,439.69
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		175.97
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		25.09
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		425.48
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		5.91
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		70.14
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		1,004.18
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		7,509.46
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		122.61
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		18.81
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		27.39
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		84.73
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		272.76
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		298.63
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		560.73
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		7,509.46
1308		Quote #10816 (2020 Chevrolet Silverado 1500 2		14.02
Total for Check Number 1790:				30,037.82
1791	NORT	Northstar Chemical	03/12/2020	
	95682	Sodium Hypochloride		1,199.64
	95863	Ferric Chloride & Sodium Hypochloride		4,230.37
Total for Check Number 1791:				5,430.01
1792	Officede	Office Depot	03/12/2020	
	440684541001	Printer for Finance Director		215.49
	440831726001	Returned USB Credit on shipping 44083172600		47.81
	442310435001	Supplies for building		136.82
	442311678001	Supplies for Planning		12.29
	443881613001	Credit on invoice 440684541001		-70.00
	446164745001	Returned USB Credit on invoice 440831726001		-38.46
	447319854001	Returned USB Credit on shipping 44083172600		-9.35
	449013747001	Supplies for Admin		47.63
	449013747001	Copy paper for all dept		10.05
	449013747001	Copy paper for all dept		30.16
	449013747001	Copy paper for all dept		10.07
	449013747001	Copy paper for all dept		30.16
	449013747001	Copy paper for all dept		30.16
	449013747001	Copy paper for all dept		30.16
	449013747001	Copy paper for all dept		10.05
Total for Check Number 1792:				493.04
1793	oreillya	O'Reilly Automotive Store Inc.	03/12/2020	
	3654-324041	Solenioa Cement Crew Truck		109.06
	3654-326895	Gasket for Cement Crew Truck		57.74
	3654-327833	Ignition Coil for Cement Crew		39.03
	3654-328155	Floor mats for Tony A new truck		127.33
	3654-328155	Floor mats for Tony A new truck		127.34
	3654-328155	Floor mats for Tony A new truck		31.84
	3654-328155	Floor mats for Tony A new truck		31.84
	3654-329731	Sweeper- Air Filter, Oil Filter and Fuel Filter		75.72
	3654-329869	Mini Light Bulb for Shop		1.90
	3654-329891	Sweeper Marker Light backup alarm		76.60

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	3654-329892	SRO truck battery PD		109.00
	3654-330001	Sweeper broom liight		17.62
	3654-330747	Return LED Lite Bar for LMDs Truck		-7.58
	3654-330747	Return LED Lite Bar for LMDs Truck		-18.61
	3654-330747	Return LED Lite Bar for LMDs Truck		-11.82
	3654-330747	Returned Floor mats for Tony A new truck		-31.84
	3654-330747	Return LED Lite Bar for LMDs Truck		-4.80
	3654-330747	Return LED Lite Bar for LMDs Truck		-1.23
	3654-330747	Return LED Lite Bar for LMDs Truck		-2.05
	3654-330747	Returned Floor mats for Tony A new truck		-127.33
	3654-330747	Return LED Lite Bar for LMDs Truck		-0.76
	3654-330747	Return LED Lite Bar for LMDs Truck		-1.95
	3654-330747	Return LED Lite Bar for LMDs Truck		-6.15
	3654-330747	Return LED Lite Bar for LMDs Truck		-27.89
	3654-330747	Return LED Lite Bar for LMDs Truck		-0.70
	3654-330747	Return back up alarm sweeper invoice 3654-329		-50.00
	3654-330747	Returned Floor mats for Tony A new truck		-127.33
	3654-330747	Return LED Lite Bar for LMDs Truck		-5.68
	3654-330747	Return LED Lite Bar for LMDs Truck		-8.30
	3654-330747	Return LED Lite Bar for LMDs Truck		-39.99
	3654-330747	Return LED Lite Bar for LMDs Truck		-6.58
	3654-330747	Return LED Lite Bar for LMDs Truck		-3.41
	3654-330747	Return LED Lite Bar for LMDs Truck		-7.54
	3654-330747	Return LED Lite Bar for LMDs Truck		-2.35
	3654-330747	Return LED Lite Bar for LMDs Truck		-11.21
	3654-330747	Return LED Lite Bar for LMDs Truck		-4.89
	3654-330747	Return LED Lite Bar for LMDs Truck		-0.52
	3654-330747	Return LED Lite Bar for LMDs Truck		-15.58
	3654-330747	Return LED Lite Bar for LMDs Truck		-8.06
	3654-330747	Return LED Lite Bar for LMDs Truck		-0.16
	3654-330747	Return LED Lite Bar for LMDs Truck		-10.40
	3654-330747	Return LED Lite Bar for LMDs Truck		-0.39
	3654-330747	Returned Floor mats for Tony A new truck		-31.84
	3654-330748	Back up alarm for sweeper		21.54
	3654-331090	7 blade adapter for dump truck/sewer		23.69
			Total for Check Number 1793:	273.31
1794	Oseguera 001	Laura Oseguera Max Foster Rental Cancelled 03/08/2020	03/12/2020	150.00
			Total for Check Number 1794:	150.00
1795	PGE	Pacific Gas & Electric Company	03/12/2020	
	0007900169-9	Jan 2020 Monthly Services 21800 Feet North		35.41
	0007900170-7	Jan 2020 Deco Charges ES Lincoln S/ Peach		103.60
	0007900222-6	Corner of White & Crowell Monthly Services Jz		119.35
	0154346521-3	Monthly Service NE Campbell/ Main St		7.39
	4832044416-8	Monthly Service 936 Dwight Ave 01/22/20-02/20		50.95
	5560566892-4	Monthly Service 900 Dwight 01/22/20-02/20/20		9.86
	8714889613-4	1416 C St Utility Service S		72.07
			Total for Check Number 1795:	398.63
1796	PARAMOUNT	Paramount Pest Control Inc.	03/12/2020	
	2003-00674	City Hall Pest Control 03/09/2020		37.00
	2003-00675	Fire dept Pest Control 03/09/2020		37.00
	2003-00677	Museum Pest Control 03/09/2020		37.00
	2003-00680	Senior Center Pest Control 03/09/2020		36.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 1796:	147.00
1797	PREMIER	Premier Access Insurance Company	03/12/2020	
	Claims 022620	Claims- 02/26/20		231.00
	Claims 022620	Claims- 02/26/20		481.00
	Claims 030420	Claims- 03/04/20		151.00
	Claims 030420	Claims- 03/04/20		151.00
	Claims 030420	Claims- 03/04/20		151.00
	Claims 030420	Claims- 03/04/20		151.00
	Claims 030420	Claims- 03/04/20		206.00
			Total for Check Number 1797:	1,522.00
1798	REDWING	Red Wing Business Advantage Account	03/12/2020	
	20200106	Collection fees		46.62
	20200106	Collection fees		46.62
	20200106	Collection fees		46.62
	411-1-19312	Work Boots per Mou for Kevin		66.71
	411-1-19312	Work Boots per Mou for Kevin		66.70
	411-1-19902	Work Boots per Mou for Jaime		48.30
	411-1-19902	Work Boots per Mou for Jaime		13.80
	411-1-19902	Work Boots per Mou for Jaime		69.01
	411-1-19902	Work Boots per Mou for Jaime		6.90
			Total for Check Number 1798:	411.28
1799	IKONFIN	Ricoh USA Inc.	03/12/2020	
	103342786	Pw Contract lease 02/12/20-03/11/20		100.42
	103342786	Pw Contract lease 02/12/20-03/11/20		25.11
	103342786	Pw Contract lease 02/12/20-03/11/20		376.61
			Total for Check Number 1799:	502.14
1800	selfhelp 001	Self - Help Enterprises Inc Prepare 2019 CA Home Application	03/12/2020	
			Total for Check Number 1800:	2,500.00
1801	shredit 8129368552	Shred-it USA LLC HA2 Material Destruction	03/12/2020	
			Total for Check Number 1801:	157.45
1802	NEXTEL 898215431-172	Sprint Feb 2020 Phone Bill	03/12/2020	
			Total for Check Number 1802:	98.33
1803	TESCO	Tesco Controls Inc.	03/12/2020	
	0068748-IN	Annual License for Wonderware		3,303.00
	0069687-IN	Troublw shooting Walnut L/S Sewer Facility		1,105.56
	0069688-IN	Trouble Shooting @ Sewer Facility		1,791.77
	0069688-IN	Trouble Shooting @ Wells O/M Water		1,530.00
			Total for Check Number 1803:	7,730.33
1804	USBANK1	U.S. Bank Equipment Finance	03/12/2020	
	407608249	Copier Lease		174.95
	407608249	Copier Lease		174.99
	407608249	Copier Lease		174.99
	407608249	Copier Lease		174.99

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	407608249	Copier Lease		174.99
	407608249	Copier Lease		174.99
	407608249	Copier Lease		174.99
	408043149	Copier Lease		53.55
Total for Check Number 1804:				1,278.44
1805	unitedro Inv-ACC50909	United Rotary Brush Corp. Quote #42274 (16 Blue Steel 5 Seg Plas Back G	03/12/2020	2,859.36
Total for Check Number 1805:				2,859.36
1806	USABLU 147172	USA Blue Book DWWTP Lab supplies	03/12/2020	307.87
Total for Check Number 1806:				307.87
1807	VALLCOFF 108218	Valley Coffee PD Water	03/12/2020	58.00
Total for Check Number 1807:				58.00
1808	VERIZON	Verizon Wireless	03/12/2020	
	9848657132	January 2020 PW Cell Phone Charges		348.01
	9848657132	January 2020 PW Cell Phone Charges		2.07
	9848657132	January 2020 PW Cell Phone Charges		0.88
	9848657132	January 2020 PW Cell Phone Charges		0.33
	9848657132	January 2020 PW Cell Phone Charges		1.02
	9848657132	January 2020 PW Cell Phone Charges		0.85
	9848657132	January 2020 PW Cell Phone Charges		6.72
	9848657132	January 2020 PW Cell Phone Charges		0.89
	9848657132	January 2020 PW Cell Phone Charges		4.49
	9848657132	January 2020 PW Cell Phone Charges		3.18
	9848657132	January 2020 PW Cell Phone Charges		7.36
	9848657132	January 2020 PW Cell Phone Charges		5.10
	9848657132	January 2020 PW Cell Phone Charges		0.30
	9848657132	January 2020 PW Cell Phone Charges		5.11
	9848657132	January 2020 PW Cell Phone Charges		8.04
	9848657132	January 2020 PW Cell Phone Charges		4.84
	9848657132	January 2020 PW Cell Phone Charges		3.27
	9848657132	January 2020 PW Cell Phone Charges		17.26
	9848657132	January 2020 PW Cell Phone Charges		2.11
	9848657132	January 2020 PW Cell Phone Charges		12.04
	9848657132	January 2020 PW Cell Phone Charges		3.54
	9848657132	January 2020 PW Cell Phone Charges		134.88
	9848657132	January 2020 PW Cell Phone Charges		5.43
	9848657132	January 2020 PW Cell Phone Charges		4.31
	9848657132	January 2020 PW Cell Phone Charges		161.52
	9848657132	January 2020 PW Cell Phone Charges		0.34
	9848657132	January 2020 PW Cell Phone Charges		8.92
	9848657132	January 2020 PW Cell Phone Charges		2.64
	9848657132	January 2020 PW Cell Phone Charges		283.11
	9848657132	January 2020 PW Cell Phone Charges		3.65
	9848657132	January 2020 PW Cell Phone Charges		2.84
	9848657132	January 2020 PW Cell Phone Charges		3.48
	9848657132	January 2020 PW Cell Phone Charges		0.07
	9848657132	January 2020 PW Cell Phone Charges		10.36
	9848657132	January 2020 PW Cell Phone Charges		3.25
	9848657132	January 2020 PW Cell Phone Charges		0.53
	9848657132	January 2020 PW Cell Phone Charges		4.59
	9848657132	January 2020 PW Cell Phone Charges		8.69

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	9848657132	January 2020 PW Cell Phone Charges		2.45
	9848657132	January 2020 PW Cell Phone Charges		3.58
	9848657132	January 2020 PW Cell Phone Charges		0.23
	9848657132	January 2020 PW Cell Phone Charges		1.60
	9848657132	January 2020 PW Cell Phone Charges		14.55
	9848657132	January 2020 PW Cell Phone Charges		9.90
	9848657132	January 2020 PW Cell Phone Charges		0.84
	9848657132	January 2020 PW Cell Phone Charges		2.66
	9848657132	January 2020 PW Cell Phone Charges		1.47
	9848657132	January 2020 PW Cell Phone Charges		0.17
	9848657132	January 2020 PW Cell Phone Charges		0.44
	9848657132	January 2020 PW Cell Phone Charges		0.46
	9848657132	January 2020 PW Cell Phone Charges		89.32
Total for Check Number 1808:				1,203.69
1809	SunilVer	Sunil Verma DC	03/12/2020	
	1	DOT Physical for Dustin C.		0.13
	1	DOT Physical for Dustin C.		0.26
	1	DOT Physical for Dustin C.		0.69
	1	DOT Physical for Dustin C.		2.78
	1	DOT Physical for Dustin C.		1.64
	1	DOT Physical for Dustin C.		6.24
	1	DOT Physical for Dustin C.		13.42
	1	DOT Physical for Dustin C.		0.41
	1	DOT Physical for Dustin C.		0.06
	1	DOT Physical for Dustin C.		2.54
	1	DOT Physical for Dustin C.		0.23
	1	DOT Physical for Dustin C.		9.36
	1	DOT Physical for Dustin C.		3.76
	1	DOT Physical for Dustin C.		1.14
	1	DOT Physical for Dustin C.		3.97
	1	DOT Physical for Dustin C.		2.21
	1	DOT Physical for Dustin C.		2.53
	1	DOT Physical for Dustin C.		2.07
	1	DOT Physical for Dustin C.		0.65
	1	DOT Physical for Dustin C.		1.61
	1	DOT Physical for Dustin C.		1.91
	1	DOT Physical for Dustin C.		0.79
	1	DOT Physical for Dustin C.		2.70
	1	DOT Physical for Dustin C.		3.49
	1	DOT Physical for Dustin C.		5.23
	1	DOT Physical for Dustin C.		0.18
Total for Check Number 1809:				70.00
1810	breshear	W.H. Breshears, Inc.	03/12/2020	
	750178	Fuel-Unleaded 01/03/2020		0.19
	750178	Fuel-Unleaded 01/03/2020		62.55
	750178	Fuel-Unleaded 01/03/2020		0.12
	750178	Fuel-Unleaded 01/03/2020		0.34
	750178	Fuel-Unleaded 01/03/2020		32.08
	750178	Fuel-Unleaded 01/03/2020		0.61
	750178	Fuel-Unleaded 01/03/2020		0.44
	750178	Fuel-Unleaded 01/03/2020		0.56
	750178	Fuel-Unleaded 01/03/2020		0.48
	750178	Fuel-Unleaded 01/03/2020		1.16
	750178	Fuel-Unleaded 01/03/2020		16.04
	750178	Fuel-Unleaded 01/03/2020		0.04
	750178	Fuel-Unleaded 01/03/2020		0.07

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750178		Fuel-Unleaded 01/03/2020		35.29
750178		Fuel-Unleaded 01/03/2020		0.73
750178		Fuel-Unleaded 01/03/2020		0.34
750178		Fuel-Unleaded 01/03/2020		0.35
750178		Fuel-Unleaded 01/03/2020		0.52
750178		Fuel-Unleaded 01/03/2020		16.04
750178		Fuel-Unleaded 01/03/2020		0.41
750178		Fuel-Unleaded 01/03/2020		0.03
750178		Fuel-Unleaded 01/03/2020		34.49
750178		Fuel-Unleaded 01/03/2020		0.02
750178		Fuel-Unleaded 01/03/2020		8.82
750178		Fuel-Unleaded 01/03/2020		1.83
750178		Fuel-Unleaded 01/03/2020		0.08
750178		Fuel-Unleaded 01/03/2020		0.23
750178		Fuel-Unleaded 01/03/2020		12.83
750178		Fuel-Unleaded 01/03/2020		333.62
750178		Fuel-Unleaded 01/03/2020		42.50
750178		Fuel-Unleaded 01/03/2020		0.30
750178		Fuel-Unleaded 01/03/2020		1.10
750178		Fuel-Unleaded 01/03/2020		0.65
750178		Fuel-Unleaded 01/03/2020		1.53
750178		Fuel-Unleaded 01/03/2020		0.82
750178		Fuel-Unleaded 01/03/2020		0.95
750178		Fuel-Unleaded 01/03/2020		0.79
750178		Fuel-Unleaded 01/03/2020		2.75
750178		Fuel-Unleaded 01/03/2020		3.94
750178		Fuel-Unleaded 01/03/2020		0.85
750178		Fuel-Unleaded 01/03/2020		0.05
750178		Fuel-Unleaded 01/03/2020		69.77
750178		Fuel-Unleaded 01/03/2020		0.49
750178		Fuel-Unleaded 01/03/2020		0.75
750178		Fuel-Unleaded 01/03/2020		0.20
750178		Fuel-Unleaded 01/03/2020		0.47
750178		Fuel-Unleaded 01/03/2020		0.83
750178		Fuel-Unleaded 01/03/2020		26.14
750178		Fuel-Unleaded 01/03/2020		0.74
750178		Fuel-Unleaded 01/03/2020		0.04
750178		Fuel-Unleaded 01/03/2020		0.08
750178		Fuel-Unleaded 01/03/2020		0.15
750178		Fuel-Unleaded 01/03/2020		1.02
750178		Fuel-Unleaded 01/03/2020		0.04
750178		Fuel-Unleaded 01/03/2020		3.21
750178		Fuel-Unleaded 01/03/2020		0.25
750178		Fuel-Unleaded 01/03/2020		0.07
750178		Fuel-Unleaded 01/03/2020		0.99
750198		Fuel-Unleaded 01/07/2020		0.20
750198		Fuel-Unleaded 01/07/2020		37.50
750198		Diesel 01/07/2020		0.33
750198		Fuel-Unleaded 01/07/2020		0.30
750198		Diesel 01/07/2020		1.93
750198		Diesel 01/07/2020		0.14
750198		Diesel 01/07/2020		0.13
750198		Fuel-Unleaded 01/07/2020		1.62
750198		Diesel 01/07/2020		0.06
750198		Fuel-Unleaded 01/07/2020		0.39
750198		Fuel-Unleaded 01/07/2020		0.07
750198		Diesel 01/07/2020		0.62
750198		Diesel 01/07/2020		1.52
750198		Diesel 01/07/2020		0.24

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750198		Fuel-Unleaded 01/07/2020		0.57
750198		Fuel-Unleaded 01/07/2020		0.42
750198		Fuel-Unleaded 01/07/2020		30.43
750198		Diesel 01/07/2020		0.08
750198		Diesel 01/07/2020		0.64
750198		Diesel 01/07/2020		0.90
750198		Fuel-Unleaded 01/07/2020		0.46
750198		Fuel-Unleaded 01/07/2020		0.43
750198		Diesel 01/07/2020		0.43
750198		Fuel-Unleaded 01/07/2020		0.04
750198		Diesel 01/07/2020		0.35
750198		Diesel 01/07/2020		86.55
750198		Fuel-Unleaded 01/07/2020		0.22
750198		Fuel-Unleaded 01/07/2020		2.42
750198		Diesel 01/07/2020		0.01
750198		Diesel 01/07/2020		0.72
750198		Fuel-Unleaded 01/07/2020		31.13
750198		Diesel 01/07/2020		1.56
750198		Diesel 01/07/2020		0.52
750198		Diesel 01/07/2020		0.57
750198		Fuel-Unleaded 01/07/2020		1.35
750198		Diesel 01/07/2020		2.76
750198		Diesel 01/07/2020		1.08
750198		Fuel-Unleaded 01/07/2020		0.42
750198		Fuel-Unleaded 01/07/2020		0.04
750198		Diesel 01/07/2020		28.85
750198		Diesel 01/07/2020		0.39
750198		Diesel 01/07/2020		0.03
750198		Diesel 01/07/2020		0.08
750198		Fuel-Unleaded 01/07/2020		0.13
750198		Diesel 01/07/2020		0.45
750198		Diesel 01/07/2020		0.05
750198		Fuel-Unleaded 01/07/2020		61.56
750198		Diesel 01/07/2020		0.56
750198		Fuel-Unleaded 01/07/2020		0.72
750198		Fuel-Unleaded 01/07/2020		55.19
750198		Fuel-Unleaded 01/07/2020		28.30
750198		Diesel 01/07/2020		1.82
750198		Fuel-Unleaded 01/07/2020		3.47
750198		Fuel-Unleaded 01/07/2020		2.83
750198		Fuel-Unleaded 01/07/2020		0.07
750198		Fuel-Unleaded 01/07/2020		0.66
750198		Fuel-Unleaded 01/07/2020		0.66
750198		Fuel-Unleaded 01/07/2020		0.36
750198		Fuel-Unleaded 01/07/2020		0.75
750198		Fuel-Unleaded 01/07/2020		0.17
750198		Fuel-Unleaded 01/07/2020		0.06
750198		Fuel-Unleaded 01/07/2020		0.49
750198		Fuel-Unleaded 01/07/2020		0.27
750198		Fuel-Unleaded 01/07/2020		0.70
750198		Fuel-Unleaded 01/07/2020		0.90
750198		Diesel 01/07/2020		0.15
750198		Diesel 01/07/2020		0.46
750198		Diesel 01/07/2020		14.42
750198		Diesel 01/07/2020		0.81
750198		Fuel-Unleaded 01/07/2020		0.65
750198		Diesel 01/07/2020		28.85
750198		Diesel 01/07/2020		1.28
750198		Fuel-Unleaded 01/07/2020		0.03

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750198		Diesel 01/07/2020		0.82
750198		Fuel-Unleaded 01/07/2020		1.03
750198		Fuel-Unleaded 01/07/2020		0.18
750198		Fuel-Unleaded 01/07/2020		14.15
750198		Fuel-Unleaded 01/07/2020		0.11
750198		Fuel-Unleaded 01/07/2020		0.83
750198		Diesel 01/07/2020		0.28
750198		Diesel 01/07/2020		0.95
750198		Fuel-Unleaded 01/07/2020		11.32
750198		Diesel 01/07/2020		0.78
750198		Diesel 01/07/2020		1.74
750198		Diesel 01/07/2020		72.12
750198		Diesel 01/07/2020		0.52
750198		Fuel-Unleaded 01/07/2020		0.31
750198		Diesel 01/07/2020		28.85
750198		Diesel 01/07/2020		0.15
750198		Fuel-Unleaded 01/07/2020		0.07
750198		Fuel-Unleaded 01/07/2020		0.87
750198		Fuel-Unleaded 01/07/2020		23.07
750198		Fuel-Unleaded 01/07/2020		0.03
750198		Fuel-Unleaded 01/07/2020		0.73
750198		Diesel 01/07/2020		0.76
750198		Fuel-Unleaded 01/07/2020		0.05
750198		Fuel-Unleaded 01/07/2020		0.53
750198		Diesel 01/07/2020		0.56
750198		Diesel 01/07/2020		1.29
750198		Diesel 01/07/2020		0.08
750198		Fuel-Unleaded 01/07/2020		294.35
750198		Fuel-Unleaded 01/07/2020		0.01
750198		Fuel-Unleaded 01/07/2020		0.30
750198		Fuel-Unleaded 01/07/2020		14.15
750198		Diesel 01/07/2020		0.05
750198		Diesel 01/07/2020		0.04
750198		Fuel-Unleaded 01/07/2020		0.97
750198		Fuel-Unleaded 01/07/2020		7.78
750198		Diesel 01/07/2020		0.16
750292		Diesel 01/21/2020		21.11
750292		Fuel-Unleaded 01/21/2020		0.81
750292		Diesel 01/21/2020		3.77
750292		Diesel 01/21/2020		0.14
750292		Fuel-Unleaded 01/21/2020		0.07
750292		Fuel-Unleaded 01/21/2020		35.14
750292		Fuel-Unleaded 01/21/2020		0.35
750292		Diesel 01/21/2020		0.45
750292		Diesel 01/21/2020		0.39
750292		Fuel-Unleaded 01/21/2020		0.08
750292		Diesel 01/21/2020		1.63
750292		Fuel-Unleaded 01/21/2020		15.97
750292		Fuel-Unleaded 01/21/2020		332.22
750292		Fuel-Unleaded 01/21/2020		0.41
750292		Diesel 01/21/2020		0.24
750292		Fuel-Unleaded 01/21/2020		0.07
750292		Diesel 01/21/2020		0.82
750292		Fuel-Unleaded 01/21/2020		0.74
750292		Diesel 01/21/2020		5.32
750292		Diesel 01/21/2020		0.08
750292		Fuel-Unleaded 01/21/2020		0.08
750292		Fuel-Unleaded 01/21/2020		0.04
750292		Diesel 01/21/2020		1.82

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750292		Fuel-Unleaded 01/21/2020		0.30
750292		Fuel-Unleaded 01/21/2020		26.03
750292		Fuel-Unleaded 01/21/2020		0.34
750292		Diesel 01/21/2020		21.12
750292		Fuel-Unleaded 01/21/2020		0.83
750292		Fuel-Unleaded 01/21/2020		8.78
750292		Diesel 01/21/2020		84.45
750292		Diesel 01/21/2020		0.97
750292		Fuel-Unleaded 01/21/2020		1.10
750292		Fuel-Unleaded 01/21/2020		0.73
750292		Fuel-Unleaded 01/21/2020		0.20
750292		Fuel-Unleaded 01/21/2020		3.92
750292		Diesel 01/21/2020		2.21
750292		Fuel-Unleaded 01/21/2020		0.33
750292		Diesel 01/21/2020		4.46
750292		Diesel 01/21/2020		1.53
750292		Diesel 01/21/2020		0.69
750292		Diesel 01/21/2020		1.53
750292		Diesel 01/21/2020		1.63
750292		Diesel 01/21/2020		0.03
750292		Fuel-Unleaded 01/21/2020		0.19
750292		Fuel-Unleaded 01/21/2020		0.05
750292		Diesel 01/21/2020		0.99
750292		Diesel 01/21/2020		2.62
750292		Fuel-Unleaded 01/21/2020		0.25
750292		Diesel 01/21/2020		5.65
750292		Fuel-Unleaded 01/21/2020		0.15
750292		Fuel-Unleaded 01/21/2020		0.47
750292		Fuel-Unleaded 01/21/2020		69.48
750292		Diesel 01/21/2020		63.34
750292		Diesel 01/21/2020		1.33
750292		Diesel 01/21/2020		8.10
750292		Fuel-Unleaded 01/21/2020		0.94
750292		Fuel-Unleaded 01/21/2020		0.64
750292		Fuel-Unleaded 01/21/2020		34.34
750292		Diesel 01/21/2020		2.10
750292		Fuel-Unleaded 01/21/2020		0.04
750292		Diesel 01/21/2020		0.25
750292		Diesel 01/21/2020		5.08
750292		Fuel-Unleaded 01/21/2020		1.16
750292		Fuel-Unleaded 01/21/2020		1.02
750292		Fuel-Unleaded 01/21/2020		12.78
750292		Fuel-Unleaded 01/21/2020		0.23
750292		Fuel-Unleaded 01/21/2020		31.94
750292		Diesel 01/21/2020		3.15
750292		Fuel-Unleaded 01/21/2020		42.33
750292		Fuel-Unleaded 01/21/2020		0.52
750292		Diesel 01/21/2020		3.77
750292		Diesel 01/21/2020		1.87
750292		Fuel-Unleaded 01/21/2020		0.12
750292		Diesel 01/21/2020		1.36
750292		Diesel 01/21/2020		2.39
750292		Fuel-Unleaded 01/21/2020		0.99
750292		Diesel 01/21/2020		0.48
750292		Diesel 01/21/2020		2.27
750292		Fuel-Unleaded 01/21/2020		0.74
750292		Fuel-Unleaded 01/21/2020		1.53
750292		Diesel 01/21/2020		0.17
750292		Diesel 01/21/2020		1.68

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750292		Fuel-Unleaded 01/21/2020		0.60
750292		Fuel-Unleaded 01/21/2020		2.73
750292		Fuel-Unleaded 01/21/2020		0.44
750292		Fuel-Unleaded 01/21/2020		0.48
750292		Diesel 01/21/2020		2.36
750292		Diesel 01/21/2020		0.11
750292		Diesel 01/21/2020		42.23
750292		Fuel-Unleaded 01/21/2020		0.79
750292		Diesel 01/21/2020		63.34
750292		Diesel 01/21/2020		0.23
750292		Diesel 01/21/2020		4.58
750292		Fuel-Unleaded 01/21/2020		0.04
750292		Fuel-Unleaded 01/21/2020		62.29
750292		Diesel 01/21/2020		0.15
750292		Diesel 01/21/2020		1.15
750292		Fuel-Unleaded 01/21/2020		3.19
750292		Fuel-Unleaded 01/21/2020		0.56
750292		Fuel-Unleaded 01/21/2020		0.02
750292		Diesel 01/21/2020		2.79
750292		Fuel-Unleaded 01/21/2020		0.49
750292		Diesel 01/21/2020		1.25
750292		Fuel-Unleaded 01/21/2020		15.97
750292		Diesel 01/21/2020		0.42
750292		Diesel 01/21/2020		42.23
750292		Diesel 01/21/2020		0.44
750292		Fuel-Unleaded 01/21/2020		0.03
750292		Fuel-Unleaded 01/21/2020		1.82
750292		Fuel-Unleaded 01/21/2020		0.85
750343		Diesel 01/28/2020		1.51
750343		Fuel-Unleaded 01/28/2020		0.42
750343		Fuel-Unleaded 01/28/2020		0.26
750343		Diesel 01/28/2020		47.96
750343		Fuel-Unleaded 01/28/2020		3.07
750343		Diesel 01/28/2020		6.41
750343		Diesel 01/28/2020		0.50
750343		Fuel-Unleaded 01/28/2020		43.88
750343		Fuel-Unleaded 01/28/2020		117.10
750343		Diesel 01/28/2020		2.39
750343		Fuel-Unleaded 01/28/2020		1.66
750343		Fuel-Unleaded 01/28/2020		0.12
750343		Diesel 01/28/2020		5.20
750343		Fuel-Unleaded 01/28/2020		0.05
750343		Diesel 01/28/2020		1.54
750343		Diesel 01/28/2020		2.13
750343		Diesel 01/28/2020		1.91
750343		Fuel-Unleaded 01/28/2020		1.17
750343		Fuel-Unleaded 01/28/2020		4.61
750343		Diesel 01/28/2020		0.20
750343		Fuel-Unleaded 01/28/2020		0.13
750343		Fuel-Unleaded 01/28/2020		26.92
750343		Diesel 01/28/2020		95.92
750343		Diesel 01/28/2020		47.96
750343		Fuel-Unleaded 01/28/2020		0.94
750343		Diesel 01/28/2020		1.85
750343		Diesel 01/28/2020		1.10
750343		Diesel 01/28/2020		0.04
750343		Fuel-Unleaded 01/28/2020		2.57
750343		Fuel-Unleaded 01/28/2020		1.02
750343		Diesel 01/28/2020		0.45

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750343		Fuel-Unleaded 01/28/2020		53.84
750343		Fuel-Unleaded 01/28/2020		0.20
750343		Diesel 01/28/2020		23.98
750343		Fuel-Unleaded 01/28/2020		0.34
750343		Diesel 01/28/2020		0.09
750343		Diesel 01/28/2020		0.26
750343		Fuel-Unleaded 01/28/2020		57.88
750343		Fuel-Unleaded 01/28/2020		0.09
750343		Diesel 01/28/2020		4.28
750343		Diesel 01/28/2020		4.28
750343		Diesel 01/28/2020		0.47
750343		Fuel-Unleaded 01/28/2020		14.81
750343		Diesel 01/28/2020		0.12
750343		Diesel 01/28/2020		0.28
750343		Diesel 01/28/2020		2.98
750343		Fuel-Unleaded 01/28/2020		1.37
750343		Fuel-Unleaded 01/28/2020		71.34
750343		Diesel 01/28/2020		5.07
750343		Fuel-Unleaded 01/28/2020		0.87
750343		Fuel-Unleaded 01/28/2020		0.06
750343		Fuel-Unleaded 01/28/2020		0.51
750343		Diesel 01/28/2020		0.17
750343		Diesel 01/28/2020		0.16
750343		Fuel-Unleaded 01/28/2020		21.54
750343		Fuel-Unleaded 01/28/2020		26.92
750343		Diesel 01/28/2020		1.31
750343		Diesel 01/28/2020		2.68
750343		Fuel-Unleaded 01/28/2020		0.14
750343		Fuel-Unleaded 01/28/2020		0.74
750343		Fuel-Unleaded 01/28/2020		0.32
750343		Diesel 01/28/2020		1.74
750343		Fuel-Unleaded 01/28/2020		0.82
750343		Fuel-Unleaded 01/28/2020		0.57
750343		Diesel 01/28/2020		5.77
750343		Diesel 01/28/2020		0.51
750343		Fuel-Unleaded 01/28/2020		0.14
750343		Fuel-Unleaded 01/28/2020		0.07
750343		Fuel-Unleaded 01/28/2020		1.25
750343		Diesel 01/28/2020		0.78
750343		Fuel-Unleaded 01/28/2020		1.39
750343		Fuel-Unleaded 01/28/2020		0.69
750343		Diesel 01/28/2020		3.17
750343		Diesel 01/28/2020		71.94
750343		Fuel-Unleaded 01/28/2020		0.39
750343		Diesel 01/28/2020		1.73
750343		Diesel 01/28/2020		2.52
750343		Diesel 01/28/2020		2.72
750343		Diesel 01/28/2020		3.58
750343		Fuel-Unleaded 01/28/2020		1.09
750343		Fuel-Unleaded 01/28/2020		1.85
750343		Diesel 01/28/2020		6.04
750343		Fuel-Unleaded 01/28/2020		0.79
750343		Fuel-Unleaded 01/28/2020		559.97
750343		Fuel-Unleaded 01/28/2020		1.59
750343		Fuel-Unleaded 01/28/2020		5.38
750343		Diesel 01/28/2020		0.54
750343		Fuel-Unleaded 01/28/2020		1.25
750343		Fuel-Unleaded 01/28/2020		0.03
750343		Diesel 01/28/2020		1.12

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750343		Diesel 01/28/2020		2.06
750343		Diesel 01/28/2020		0.27
750343		Fuel-Unleaded 01/28/2020		0.56
750343		Fuel-Unleaded 01/28/2020		0.59
750343		Fuel-Unleaded 01/28/2020		1.72
750343		Diesel 01/28/2020		95.92
750343		Diesel 01/28/2020		0.93
750343		Fuel-Unleaded 01/28/2020		1.95
750343		Diesel 01/28/2020		9.19
750343		Diesel 01/28/2020		1.85
750343		Fuel-Unleaded 01/28/2020		104.99
750343		Fuel-Unleaded 01/28/2020		59.23
750343		Fuel-Unleaded 01/28/2020		0.81
750343		Fuel-Unleaded 01/28/2020		0.07
750343		Fuel-Unleaded 01/28/2020		6.61
750343		Diesel 01/28/2020		1.42
750343		Fuel-Unleaded 01/28/2020		1.43
750343		Diesel 01/28/2020		2.58
750343		Fuel-Unleaded 01/28/2020		1.33
750384		Diesel 02/04/2020		0.33
750384		Diesel 02/04/2020		1.66
750384		Diesel 02/04/2020		2.42
750384		Diesel 02/04/2020		5.93
750384		Diesel 02/04/2020		0.92
750384		Fuel-Unleaded 02/04/2020		0.55
750384		Diesel 02/04/2020		28.09
750384		Fuel-Unleaded 02/04/2020		18.13
750384		Diesel 02/04/2020		0.55
750384		Diesel 02/04/2020		5.01
750384		Fuel-Unleaded 02/04/2020		377.09
750384		Fuel-Unleaded 02/04/2020		4.45
750384		Fuel-Unleaded 02/04/2020		0.14
750384		Fuel-Unleaded 02/04/2020		78.86
750384		Diesel 02/04/2020		1.32
750384		Fuel-Unleaded 02/04/2020		38.98
750384		Diesel 02/04/2020		0.32
750384		Fuel-Unleaded 02/04/2020		0.50
750384		Fuel-Unleaded 02/04/2020		0.84
750384		Fuel-Unleaded 02/04/2020		36.26
750384		Diesel 02/04/2020		5.01
750384		Diesel 02/04/2020		2.49
750384		Diesel 02/04/2020		2.80
750384		Diesel 02/04/2020		2.95
750384		Diesel 02/04/2020		28.08
750384		Diesel 02/04/2020		84.23
750384		Fuel-Unleaded 02/04/2020		0.47
750384		Fuel-Unleaded 02/04/2020		0.09
750384		Fuel-Unleaded 02/04/2020		0.09
750384		Fuel-Unleaded 02/04/2020		0.73
750384		Diesel 02/04/2020		1.77
750384		Diesel 02/04/2020		0.20
750384		Fuel-Unleaded 02/04/2020		48.04
750384		Fuel-Unleaded 02/04/2020		0.04
750384		Diesel 02/04/2020		0.10
750384		Diesel 02/04/2020		0.19
750384		Diesel 02/04/2020		3.02
750384		Fuel-Unleaded 02/04/2020		0.17
750384		Diesel 02/04/2020		1.53
750384		Diesel 02/04/2020		3.49

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750384		Diesel 02/04/2020		0.63
750384		Fuel-Unleaded 02/04/2020		2.07
750384		Diesel 02/04/2020		0.30
750384		Fuel-Unleaded 02/04/2020		0.81
750384		Diesel 02/04/2020		28.08
750384		Fuel-Unleaded 02/04/2020		39.88
750384		Fuel-Unleaded 02/04/2020		0.94
750384		Diesel 02/04/2020		3.14
750384		Fuel-Unleaded 02/04/2020		0.84
750384		Fuel-Unleaded 02/04/2020		0.90
750384		Fuel-Unleaded 02/04/2020		0.39
750384		Diesel 02/04/2020		2.04
750384		Fuel-Unleaded 02/04/2020		1.07
750384		Diesel 02/04/2020		0.60
750384		Fuel-Unleaded 02/04/2020		3.63
750384		Fuel-Unleaded 02/04/2020		0.29
750384		Fuel-Unleaded 02/04/2020		1.12
750384		Fuel-Unleaded 02/04/2020		0.06
750384		Diesel 02/04/2020		7.08
750384		Diesel 02/04/2020		4.19
750384		Diesel 02/04/2020		2.17
750384		Diesel 02/04/2020		7.51
750384		Diesel 02/04/2020		0.52
750384		Fuel-Unleaded 02/04/2020		0.08
750384		Fuel-Unleaded 02/04/2020		0.92
750384		Fuel-Unleaded 02/04/2020		14.50
750384		Diesel 02/04/2020		2.17
750384		Fuel-Unleaded 02/04/2020		0.05
750384		Fuel-Unleaded 02/04/2020		29.55
750384		Fuel-Unleaded 02/04/2020		18.13
750384		Diesel 02/04/2020		6.09
750384		Fuel-Unleaded 02/04/2020		0.23
750384		Fuel-Unleaded 02/04/2020		0.34
750384		Fuel-Unleaded 02/04/2020		0.96
750384		Fuel-Unleaded 02/04/2020		3.10
750384		Fuel-Unleaded 02/04/2020		0.59
750384		Fuel-Unleaded 02/04/2020		0.53
750384		Fuel-Unleaded 02/04/2020		0.68
750384		Fuel-Unleaded 02/04/2020		1.16
750384		Diesel 02/04/2020		56.16
750384		Diesel 02/04/2020		2.03
750384		Diesel 02/04/2020		112.31
750384		Diesel 02/04/2020		10.77
750384		Fuel-Unleaded 02/04/2020		0.02
750384		Diesel 02/04/2020		0.58
750384		Diesel 02/04/2020		2.23
750384		Fuel-Unleaded 02/04/2020		0.04
750384		Diesel 02/04/2020		3.71
750384		Diesel 02/04/2020		1.09
750384		Fuel-Unleaded 02/04/2020		9.97
750384		Diesel 02/04/2020		3.18
750384		Fuel-Unleaded 02/04/2020		0.26
750384		Fuel-Unleaded 02/04/2020		0.05
750384		Fuel-Unleaded 02/04/2020		1.25
750384		Fuel-Unleaded 02/04/2020		0.54
750384		Fuel-Unleaded 02/04/2020		0.22
750384		Diesel 02/04/2020		0.04
750384		Diesel 02/04/2020		1.29
750384		Fuel-Unleaded 02/04/2020		0.63

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750384		Fuel-Unleaded 02/04/2020		0.38
750384		Diesel 02/04/2020		0.14
750384		Diesel 02/04/2020		0.23
750384		Diesel 02/04/2020		112.31
750384		Fuel-Unleaded 02/04/2020		0.38
750384		Diesel 02/04/2020		1.80
750384		Fuel-Unleaded 02/04/2020		70.70
750384		Fuel-Unleaded 02/04/2020		0.08
750384		Diesel 02/04/2020		6.76
750384		Fuel-Unleaded 02/04/2020		1.73
750384		Fuel-Unleaded 02/04/2020		1.32
750391		Diesel 02/04/2020		0.21
750391		Diesel 02/04/2020		0.10
750391		Diesel 02/04/2020		2.22
750391		Diesel 02/04/2020		3.58
750391		Diesel 02/04/2020		4.79
750391		Diesel 02/04/2020		1.54
750391		Diesel 02/04/2020		5.32
750391		Diesel 02/04/2020		0.03
750391		Diesel 02/04/2020		1.17
750391		Diesel 02/04/2020		1.54
750391		Diesel 02/04/2020		1.71
750391		Diesel 02/04/2020		59.72
750391		Diesel 02/04/2020		2.14
750391		Diesel 02/04/2020		2.09
750391		Diesel 02/04/2020		1.45
750391		Diesel 02/04/2020		0.93
750391		Diesel 02/04/2020		3.55
750391		Diesel 02/04/2020		1.44
750391		Diesel 02/04/2020		1.08
750391		Diesel 02/04/2020		0.37
750391		Diesel 02/04/2020		0.13
750391		Diesel 02/04/2020		39.81
750391		Diesel 02/04/2020		7.63
750391		Diesel 02/04/2020		2.47
750391		Diesel 02/04/2020		0.16
750391		Diesel 02/04/2020		79.63
750391		Diesel 02/04/2020		1.26
750391		Diesel 02/04/2020		79.63
750391		Diesel 02/04/2020		4.32
750391		Diesel 02/04/2020		0.39
750391		Diesel 02/04/2020		0.23
750391		Diesel 02/04/2020		0.22
750391		Diesel 02/04/2020		1.58
750391		Diesel 02/04/2020		0.65
750391		Diesel 02/04/2020		0.77
750391		Diesel 02/04/2020		0.07
750391		Diesel 02/04/2020		1.28
750391		Diesel 02/04/2020		0.15
750391		Diesel 02/04/2020		0.43
750391		Diesel 02/04/2020		2.63
750391		Diesel 02/04/2020		0.92
750391		Diesel 02/04/2020		2.97
750391		Diesel 02/04/2020		0.41
750391		Diesel 02/04/2020		0.45
750391		Diesel 02/04/2020		19.91
750391		Diesel 02/04/2020		5.02
750391		Diesel 02/04/2020		39.81
750391		Diesel 02/04/2020		1.98

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	750391	Diesel 02/04/2020		2.26
	750391	Diesel 02/04/2020		1.77
	750391	Diesel 02/04/2020		4.21
	750421	Fuel-Unleaded 02/07/2020		1.69
	750421	Fuel-Unleaded 02/07/2020		0.06
	750421	Fuel-Unleaded 02/07/2020		1.23
	750421	Fuel-Unleaded 02/07/2020		43.21
	750421	Fuel-Unleaded 02/07/2020		70.24
	750421	Fuel-Unleaded 02/07/2020		0.07
	750421	Fuel-Unleaded 02/07/2020		26.51
	750421	Fuel-Unleaded 02/07/2020		0.38
	750421	Fuel-Unleaded 02/07/2020		2.53
	750421	Fuel-Unleaded 02/07/2020		0.55
	750421	Fuel-Unleaded 02/07/2020		103.38
	750421	Fuel-Unleaded 02/07/2020		1.18
	750421	Fuel-Unleaded 02/07/2020		1.07
	750421	Fuel-Unleaded 02/07/2020		26.51
	750421	Fuel-Unleaded 02/07/2020		1.82
	750421	Fuel-Unleaded 02/07/2020		56.99
	750421	Fuel-Unleaded 02/07/2020		0.12
	750421	Fuel-Unleaded 02/07/2020		1.92
	750421	Fuel-Unleaded 02/07/2020		0.80
	750421	Fuel-Unleaded 02/07/2020		1.41
	750421	Fuel-Unleaded 02/07/2020		6.50
	750421	Fuel-Unleaded 02/07/2020		0.07
	750421	Fuel-Unleaded 02/07/2020		1.23
	750421	Fuel-Unleaded 02/07/2020		53.01
	750421	Fuel-Unleaded 02/07/2020		0.20
	750421	Fuel-Unleaded 02/07/2020		1.35
	750421	Fuel-Unleaded 02/07/2020		5.30
	750421	Fuel-Unleaded 02/07/2020		14.58
	750421	Fuel-Unleaded 02/07/2020		0.13
	750421	Fuel-Unleaded 02/07/2020		0.73
	750421	Fuel-Unleaded 02/07/2020		0.56
	750421	Fuel-Unleaded 02/07/2020		551.33
	750421	Fuel-Unleaded 02/07/2020		1.37
	750421	Fuel-Unleaded 02/07/2020		1.64
	750421	Fuel-Unleaded 02/07/2020		0.68
	750421	Fuel-Unleaded 02/07/2020		21.21
	750421	Fuel-Unleaded 02/07/2020		4.54
	750421	Fuel-Unleaded 02/07/2020		0.78
	750421	Fuel-Unleaded 02/07/2020		0.92
	750421	Fuel-Unleaded 02/07/2020		0.81
	750421	Fuel-Unleaded 02/07/2020		0.03
	750421	Fuel-Unleaded 02/07/2020		0.58
	750421	Fuel-Unleaded 02/07/2020		58.31
	750421	Fuel-Unleaded 02/07/2020		3.03
	750421	Fuel-Unleaded 02/07/2020		0.33
	750421	Fuel-Unleaded 02/07/2020		0.08
	750421	Fuel-Unleaded 02/07/2020		0.50
	750421	Fuel-Unleaded 02/07/2020		0.25
	750421	Fuel-Unleaded 02/07/2020		0.42
	750421	Fuel-Unleaded 02/07/2020		1.00
	750421	Fuel-Unleaded 02/07/2020		0.86
	750421	Fuel-Unleaded 02/07/2020		115.30
	750421	Fuel-Unleaded 02/07/2020		0.32
	750421	Fuel-Unleaded 02/07/2020		1.56
	750421	Fuel-Unleaded 02/07/2020		0.11
	750421	Fuel-Unleaded 02/07/2020		0.05

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	750421	Fuel-Unleaded 02/07/2020		0.14
	750421	Fuel-Unleaded 02/07/2020		1.31
	750440	Fuel-Unleaded 02/11/2020		1.41
	750440	Fuel-Unleaded 02/11/2020		5.87
	750440	Fuel-Unleaded 02/11/2020		0.73
	750440	Fuel-Unleaded 02/11/2020		1.11
	750440	Diesel 02/11/2020		0.78
	750440	Fuel-Unleaded 02/11/2020		2.29
	750440	Fuel-Unleaded 02/11/2020		0.83
	750440	Fuel-Unleaded 02/11/2020		0.05
	750440	Diesel 02/11/2020		0.26
	750440	Fuel-Unleaded 02/11/2020		1.74
	750440	Fuel-Unleaded 02/11/2020		0.72
	750440	Diesel 02/11/2020		3.05
	750440	Fuel-Unleaded 02/11/2020		39.01
	750440	Fuel-Unleaded 02/11/2020		0.52
	750440	Diesel 02/11/2020		1.81
	750440	Fuel-Unleaded 02/11/2020		0.23
	750440	Fuel-Unleaded 02/11/2020		497.81
	750440	Fuel-Unleaded 02/11/2020		0.02
	750440	Fuel-Unleaded 02/11/2020		2.73
	750440	Diesel 02/11/2020		0.06
	750440	Diesel 02/11/2020		4.64
	750440	Fuel-Unleaded 02/11/2020		0.12
	750440	Diesel 02/11/2020		2.91
	750440	Fuel-Unleaded 02/11/2020		93.34
	750440	Diesel 02/11/2020		0.56
	750440	Fuel-Unleaded 02/11/2020		1.48
	750440	Diesel 02/11/2020		0.88
	750440	Fuel-Unleaded 02/11/2020		63.42
	750440	Fuel-Unleaded 02/11/2020		51.46
	750440	Fuel-Unleaded 02/11/2020		0.06
	750440	Diesel 02/11/2020		0.13
	750440	Fuel-Unleaded 02/11/2020		1.11
	750440	Fuel-Unleaded 02/11/2020		0.71
	750440	Diesel 02/11/2020		2.62
	750440	Fuel-Unleaded 02/11/2020		1.02
	750440	Fuel-Unleaded 02/11/2020		0.11
	750440	Diesel 02/11/2020		1.37
	750440	Fuel-Unleaded 02/11/2020		0.06
	750440	Fuel-Unleaded 02/11/2020		1.53
	750440	Diesel 02/11/2020		72.62
	750440	Fuel-Unleaded 02/11/2020		0.66
	750440	Diesel 02/11/2020		1.35
	750440	Diesel 02/11/2020		0.57
	750440	Diesel 02/11/2020		1.60
	750440	Fuel-Unleaded 02/11/2020		0.50
	750440	Diesel 02/11/2020		0.40
	750440	Fuel-Unleaded 02/11/2020		4.79
	750440	Diesel 02/11/2020		0.09
	750440	Diesel 02/11/2020		1.50
	750440	Fuel-Unleaded 02/11/2020		52.65
	750440	Diesel 02/11/2020		0.14
	750440	Fuel-Unleaded 02/11/2020		0.18
	750440	Diesel 02/11/2020		0.94
	750440	Diesel 02/11/2020		0.14
	750440	Fuel-Unleaded 02/11/2020		0.62
	750440	Fuel-Unleaded 02/11/2020		13.16
	750440	Diesel 02/11/2020		0.23

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	750440	Fuel-Unleaded 02/11/2020		23.93
	750440	Fuel-Unleaded 02/11/2020		0.30
	750440	Diesel 02/11/2020		0.47
	750440	Fuel-Unleaded 02/11/2020		0.35
	750440	Diesel 02/11/2020		0.10
	750440	Fuel-Unleaded 02/11/2020		0.77
	750440	Diesel 02/11/2020		1.30
	750440	Diesel 02/11/2020		1.27
	750440	Diesel 02/11/2020		0.25
	750440	Diesel 02/11/2020		48.41
	750440	Fuel-Unleaded 02/11/2020		1.27
	750440	Fuel-Unleaded 02/11/2020		0.45
	750440	Fuel-Unleaded 02/11/2020		0.51
	750440	Diesel 02/11/2020		96.83
	750440	Fuel-Unleaded 02/11/2020		1.18
	750440	Fuel-Unleaded 02/11/2020		0.90
	750440	Diesel 02/11/2020		0.71
	750440	Diesel 02/11/2020		0.24
	750440	Diesel 02/11/2020		0.05
	750440	Fuel-Unleaded 02/11/2020		0.07
	750440	Fuel-Unleaded 02/11/2020		1.22
	750440	Diesel 02/11/2020		0.66
	750440	Diesel 02/11/2020		0.08
	750440	Fuel-Unleaded 02/11/2020		47.87
	750440	Fuel-Unleaded 02/11/2020		0.10
	750440	Diesel 02/11/2020		24.21
	750440	Fuel-Unleaded 02/11/2020		19.15
	750440	Fuel-Unleaded 02/11/2020		0.08
	750440	Diesel 02/11/2020		0.96
	750440	Diesel 02/11/2020		2.16
	750440	Fuel-Unleaded 02/11/2020		4.10
	750440	Diesel 02/11/2020		2.56
	750440	Fuel-Unleaded 02/11/2020		1.24
	750440	Fuel-Unleaded 02/11/2020		0.13
	750440	Diesel 02/11/2020		169.45
	750440	Diesel 02/11/2020		3.24
	750440	Diesel 02/11/2020		24.21
	750440	Fuel-Unleaded 02/11/2020		0.38
	750440	Diesel 02/11/2020		1.21
	750440	Fuel-Unleaded 02/11/2020		0.29
	750440	Diesel 02/11/2020		0.87
	750440	Diesel 02/11/2020		0.76
	750440	Fuel-Unleaded 02/11/2020		0.97
	750440	Diesel 02/11/2020		0.27
	750440	Fuel-Unleaded 02/11/2020		23.93
	750440	Diesel 02/11/2020		1.07
	750440	Fuel-Unleaded 02/11/2020		1.65
	750440	Diesel 02/11/2020		1.04
	750440	Diesel 02/11/2020		0.02
	750440	Diesel 02/11/2020		2.14
	750440	Diesel 02/11/2020		0.94
	750440	Fuel-Unleaded 02/11/2020		104.11
	750478	Fuel-Unleaded 02/14/2020		1.64
	750478	Fuel-Unleaded 02/14/2020		1.18
	750478	Fuel-Unleaded 02/14/2020		1.24
	750478	Fuel-Unleaded 02/14/2020		0.51
	750478	Fuel-Unleaded 02/14/2020		0.03
	750478	Fuel-Unleaded 02/14/2020		74.52
	750478	Fuel-Unleaded 02/14/2020		0.05

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
750478		Fuel-Unleaded 02/14/2020		0.13
750478		Fuel-Unleaded 02/14/2020		0.87
750478		Fuel-Unleaded 02/14/2020		0.05
750478		Fuel-Unleaded 02/14/2020		0.44
750478		Fuel-Unleaded 02/14/2020		356.34
750478		Fuel-Unleaded 02/14/2020		0.25
750478		Fuel-Unleaded 02/14/2020		0.77
750478		Fuel-Unleaded 02/14/2020		45.40
750478		Fuel-Unleaded 02/14/2020		0.08
750478		Fuel-Unleaded 02/14/2020		34.26
750478		Fuel-Unleaded 02/14/2020		0.79
750478		Fuel-Unleaded 02/14/2020		0.69
750478		Fuel-Unleaded 02/14/2020		0.16
750478		Fuel-Unleaded 02/14/2020		0.55
750478		Fuel-Unleaded 02/14/2020		0.65
750478		Fuel-Unleaded 02/14/2020		36.83
750478		Fuel-Unleaded 02/14/2020		0.09
750478		Fuel-Unleaded 02/14/2020		1.06
750478		Fuel-Unleaded 02/14/2020		0.91
750478		Fuel-Unleaded 02/14/2020		1.96
750478		Fuel-Unleaded 02/14/2020		0.36
750478		Fuel-Unleaded 02/14/2020		17.13
750478		Fuel-Unleaded 02/14/2020		0.60
750478		Fuel-Unleaded 02/14/2020		1.09
750478		Fuel-Unleaded 02/14/2020		0.37
750478		Fuel-Unleaded 02/14/2020		0.20
750478		Fuel-Unleaded 02/14/2020		13.71
750478		Fuel-Unleaded 02/14/2020		0.52
750478		Fuel-Unleaded 02/14/2020		37.69
750478		Fuel-Unleaded 02/14/2020		66.81
750478		Fuel-Unleaded 02/14/2020		0.04
750478		Fuel-Unleaded 02/14/2020		0.47
750478		Fuel-Unleaded 02/14/2020		0.32
750478		Fuel-Unleaded 02/14/2020		0.02
750478		Fuel-Unleaded 02/14/2020		0.22
750478		Fuel-Unleaded 02/14/2020		0.85
750478		Fuel-Unleaded 02/14/2020		0.05
750478		Fuel-Unleaded 02/14/2020		0.09
750478		Fuel-Unleaded 02/14/2020		3.43
750478		Fuel-Unleaded 02/14/2020		0.27
750478		Fuel-Unleaded 02/14/2020		0.89
750478		Fuel-Unleaded 02/14/2020		0.80
750478		Fuel-Unleaded 02/14/2020		0.36
750478		Fuel-Unleaded 02/14/2020		4.20
750478		Fuel-Unleaded 02/14/2020		1.01
750478		Fuel-Unleaded 02/14/2020		2.93
750478		Fuel-Unleaded 02/14/2020		9.42
750478		Fuel-Unleaded 02/14/2020		0.51
750478		Fuel-Unleaded 02/14/2020		17.13
750478		Fuel-Unleaded 02/14/2020		27.92
750478		Fuel-Unleaded 02/14/2020		0.07
750527		Fuel-Unleaded 02/21/20		55.98
750527		Fuel-Unleaded 02/21/20		0.06
750527		Fuel-Unleaded 02/21/20		0.77
750527		Fuel-Unleaded 02/21/20		0.82
750527		Fuel-Unleaded 02/21/20		0.24
750527		Fuel-Unleaded 02/21/20		0.30
750527		Fuel-Unleaded 02/21/20		4.36
750527		Fuel-Unleaded 02/21/20		1.26

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	750527	Fuel-Unleaded 02/21/20		1.10
	750527	Fuel-Unleaded 02/21/20		1.57
	750527	Fuel-Unleaded 02/21/20		1.35
	750527	Fuel-Unleaded 02/21/20		20.36
	750527	Fuel-Unleaded 02/21/20		0.96
	750527	Fuel-Unleaded 02/21/20		0.05
	750527	Fuel-Unleaded 02/21/20		0.32
	750527	Fuel-Unleaded 02/21/20		2.91
	750527	Fuel-Unleaded 02/21/20		1.30
	750527	Fuel-Unleaded 02/21/20		50.89
	750527	Fuel-Unleaded 02/21/20		0.75
	750527	Fuel-Unleaded 02/21/20		1.18
	750527	Fuel-Unleaded 02/21/20		1.18
	750527	Fuel-Unleaded 02/21/20		0.11
	750527	Fuel-Unleaded 02/21/20		0.07
	750527	Fuel-Unleaded 02/21/20		0.76
	750527	Fuel-Unleaded 02/21/20		0.54
	750527	Fuel-Unleaded 02/21/20		0.48
	750527	Fuel-Unleaded 02/21/20		0.53
	750527	Fuel-Unleaded 02/21/20		0.55
	750527	Fuel-Unleaded 02/21/20		0.19
	750527	Fuel-Unleaded 02/21/20		13.99
	750527	Fuel-Unleaded 02/21/20		1.03
	750527	Fuel-Unleaded 02/21/20		0.89
	750527	Fuel-Unleaded 02/21/20		1.62
	750527	Fuel-Unleaded 02/21/20		41.48
	750527	Fuel-Unleaded 02/21/20		67.43
	750527	Fuel-Unleaded 02/21/20		0.37
	750527	Fuel-Unleaded 02/21/20		0.13
	750527	Fuel-Unleaded 02/21/20		1.32
	750527	Fuel-Unleaded 02/21/20		1.75
	750527	Fuel-Unleaded 02/21/20		0.40
	750527	Fuel-Unleaded 02/21/20		2.43
	750527	Fuel-Unleaded 02/21/20		0.13
	750527	Fuel-Unleaded 02/21/20		0.08
	750527	Fuel-Unleaded 02/21/20		5.09
	750527	Fuel-Unleaded 02/21/20		1.50
	750527	Fuel-Unleaded 02/21/20		1.85
	750527	Fuel-Unleaded 02/21/20		0.03
	750527	Fuel-Unleaded 02/21/20		110.69
	750527	Fuel-Unleaded 02/21/20		0.65
	750527	Fuel-Unleaded 02/21/20		0.07
	750527	Fuel-Unleaded 02/21/20		6.24
	750527	Fuel-Unleaded 02/21/20		0.70
	750527	Fuel-Unleaded 02/21/20		0.12
	750527	Fuel-Unleaded 02/21/20		529.26
	750527	Fuel-Unleaded 02/21/20		25.45
	750527	Fuel-Unleaded 02/21/20		25.45
	750527	Fuel-Unleaded 02/21/20		54.71
	750527	Fuel-Unleaded 02/21/20		99.24
	750550	Fuel-Unleaded 02/24/2020		24.41
	750550	Fuel-Unleaded 02/24/2020		0.73
	750550	Fuel-Unleaded 02/24/2020		19.53
	750550	Fuel-Unleaded 02/24/2020		0.63
	750550	Fuel-Unleaded 02/24/2020		0.31
	750550	Fuel-Unleaded 02/24/2020		0.07
	750550	Fuel-Unleaded 02/24/2020		4.88
	750550	Fuel-Unleaded 02/24/2020		0.29
	750550	Fuel-Unleaded 02/24/2020		507.66

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	750550	Fuel-Unleaded 02/24/2020		5.99
	750550	Fuel-Unleaded 02/24/2020		2.33
	750550	Fuel-Unleaded 02/24/2020		95.19
	750550	Fuel-Unleaded 02/24/2020		0.99
	750550	Fuel-Unleaded 02/24/2020		0.72
	750550	Fuel-Unleaded 02/24/2020		0.35
	750550	Fuel-Unleaded 02/24/2020		1.51
	750550	Fuel-Unleaded 02/24/2020		0.06
	750550	Fuel-Unleaded 02/24/2020		1.09
	750550	Fuel-Unleaded 02/24/2020		53.69
	750550	Fuel-Unleaded 02/24/2020		52.47
	750550	Fuel-Unleaded 02/24/2020		1.13
	750550	Fuel-Unleaded 02/24/2020		4.18
	750550	Fuel-Unleaded 02/24/2020		64.68
	750550	Fuel-Unleaded 02/24/2020		0.12
	750550	Fuel-Unleaded 02/24/2020		1.21
	750550	Fuel-Unleaded 02/24/2020		0.10
	750550	Fuel-Unleaded 02/24/2020		39.78
	750550	Fuel-Unleaded 02/24/2020		0.51
	750550	Fuel-Unleaded 02/24/2020		0.11
	750550	Fuel-Unleaded 02/24/2020		1.77
	750550	Fuel-Unleaded 02/24/2020		0.92
	750550	Fuel-Unleaded 02/24/2020		1.44
	750550	Fuel-Unleaded 02/24/2020		2.79
	750550	Fuel-Unleaded 02/24/2020		106.17
	750550	Fuel-Unleaded 02/24/2020		0.13
	750550	Fuel-Unleaded 02/24/2020		0.02
	750550	Fuel-Unleaded 02/24/2020		0.23
	750550	Fuel-Unleaded 02/24/2020		0.38
	750550	Fuel-Unleaded 02/24/2020		0.08
	750550	Fuel-Unleaded 02/24/2020		0.53
	750550	Fuel-Unleaded 02/24/2020		0.85
	750550	Fuel-Unleaded 02/24/2020		24.41
	750550	Fuel-Unleaded 02/24/2020		0.74
	750550	Fuel-Unleaded 02/24/2020		1.30
	750550	Fuel-Unleaded 02/24/2020		48.81
	750550	Fuel-Unleaded 02/24/2020		0.67
	750550	Fuel-Unleaded 02/24/2020		0.51
	750550	Fuel-Unleaded 02/24/2020		13.42
	750550	Fuel-Unleaded 02/24/2020		0.06
	750550	Fuel-Unleaded 02/24/2020		1.24
	750550	Fuel-Unleaded 02/24/2020		1.13
	750550	Fuel-Unleaded 02/24/2020		0.05
	750550	Fuel-Unleaded 02/24/2020		1.56
	750550	Fuel-Unleaded 02/24/2020		0.46
	750550	Fuel-Unleaded 02/24/2020		1.26
	750550	Fuel-Unleaded 02/24/2020		0.18
	750550	Fuel-Unleaded 02/24/2020		0.79
	750550	Fuel-Unleaded 02/24/2020		1.68
	750579	Fuel-Unleaded 02/28/2020		0.63
	750579	Fuel-Unleaded 02/28/2020		2.77
	750579	Fuel-Unleaded 02/28/2020		47.25
	750579	Fuel-Unleaded 02/28/2020		0.28
	750579	Fuel-Unleaded 02/28/2020		0.46
	750579	Fuel-Unleaded 02/28/2020		0.15
	750579	Fuel-Unleaded 02/28/2020		1.85
	750579	Fuel-Unleaded 02/28/2020		113.06
	750579	Fuel-Unleaded 02/28/2020		1.01
	750579	Fuel-Unleaded 02/28/2020		0.07

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	750579	Fuel-Unleaded 02/28/2020		76.82
	750579	Fuel-Unleaded 02/28/2020		4.96
	750579	Fuel-Unleaded 02/28/2020		3.31
	750579	Fuel-Unleaded 02/28/2020		0.36
	750579	Fuel-Unleaded 02/28/2020		1.35
	750579	Fuel-Unleaded 02/28/2020		602.98
	750579	Fuel-Unleaded 02/28/2020		0.42
	750579	Fuel-Unleaded 02/28/2020		126.10
	750579	Fuel-Unleaded 02/28/2020		0.08
	750579	Fuel-Unleaded 02/28/2020		15.94
	750579	Fuel-Unleaded 02/28/2020		28.99
	750579	Fuel-Unleaded 02/28/2020		0.22
	750579	Fuel-Unleaded 02/28/2020		0.61
	750579	Fuel-Unleaded 02/28/2020		1.09
	750579	Fuel-Unleaded 02/28/2020		1.54
	750579	Fuel-Unleaded 02/28/2020		0.06
	750579	Fuel-Unleaded 02/28/2020		0.08
	750579	Fuel-Unleaded 02/28/2020		28.99
	750579	Fuel-Unleaded 02/28/2020		0.85
	750579	Fuel-Unleaded 02/28/2020		1.71
	750579	Fuel-Unleaded 02/28/2020		0.14
	750579	Fuel-Unleaded 02/28/2020		0.61
	750579	Fuel-Unleaded 02/28/2020		1.48
	750579	Fuel-Unleaded 02/28/2020		0.74
	750579	Fuel-Unleaded 02/28/2020		28.98
	750579	Fuel-Unleaded 02/28/2020		0.04
	750579	Fuel-Unleaded 02/28/2020		0.94
	750579	Fuel-Unleaded 02/28/2020		63.78
	750579	Fuel-Unleaded 02/28/2020		1.28
	750579	Fuel-Unleaded 02/28/2020		0.79
	750579	Fuel-Unleaded 02/28/2020		1.99
	750579	Fuel-Unleaded 02/28/2020		7.11
	750579	Fuel-Unleaded 02/28/2020		0.35
	750579	Fuel-Unleaded 02/28/2020		0.09
	750579	Fuel-Unleaded 02/28/2020		0.88
	750579	Fuel-Unleaded 02/28/2020		0.87
	750579	Fuel-Unleaded 02/28/2020		1.50
	750579	Fuel-Unleaded 02/28/2020		1.43
	750579	Fuel-Unleaded 02/28/2020		0.12
	750579	Fuel-Unleaded 02/28/2020		62.33
	750579	Fuel-Unleaded 02/28/2020		57.98
	750579	Fuel-Unleaded 02/28/2020		0.55
	750579	Fuel-Unleaded 02/28/2020		0.15
	750579	Fuel-Unleaded 02/28/2020		1.79
	750579	Fuel-Unleaded 02/28/2020		2.10
	750579	Fuel-Unleaded 02/28/2020		1.34
	750579	Fuel-Unleaded 02/28/2020		1.17
			Total for Check Number 1810:	13,327.36
1811	wc3	West Coast Code Consultants, Inc.	03/12/2020	
	220-01-155-01	Building dept services for Jan 2020		20,240.00
	220-01-155-06	Plan Review Jan 2020		5,554.45
	220-01-155-E360	eProcess 360 Monthly Subscription		800.00
			Total for Check Number 1811:	26,594.45
1812	weststee	West Steel & Plastic Inc.	03/12/2020	
	394047	Metal Fencing		8.62
	394047	Metal Fencing		1.89

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	394047	Metal Fencing		3.41
	394047	Metal Fencing		1.30
	394047	Metal Fencing		0.39
	394047	Metal Fencing		0.29
	394047	Metal Fencing		15.44
	394047	Metal Fencing		2.71
	394047	Metal Fencing		0.09
	394047	Metal Fencing		4.46
	394047	Metal Fencing		1.14
	394047	Metal Fencing		5.75
	394047	Metal Fencing		2.66
	394047	Metal Fencing		0.68
	394047	Metal Fencing		6.21
	394047	Metal Fencing		0.42
	394047	Metal Fencing		4.19
	394047	Metal Fencing		3.14
	394047	Metal Fencing		6.54
	394047	Metal Fencing		4.17
	394047	Metal Fencing		4.59
	394047	Metal Fencing		1.08
	394047	Metal Fencing		22.13
	394047	Metal Fencing		0.22
	394047	Metal Fencing		10.29
	394047	Metal Fencing		3.64
			Total for Check Number 1812:	115.45
1813	ZEEMED	Zee Medical Service Co., Inc.	03/12/2020	
	667271603	First Aid Supplies		12.24
	667271603	First Aid Supplies		12.23
	667271603	First Aid Supplies		12.24
	667271603	First Aid Supplies		12.22
	667271603	First Aid Supplies		12.24
	667271603	First Aid Supplies		12.24
			Total for Check Number 1813:	73.41
			Total for 3/12/2020:	141,780.29
			Report Total (71 checks):	141,780.29



MEETING MINUTES

REGULAR MEETING LIVINGSTON CITY COUNCIL FEBRUARY 4, 2020

A Regular Meeting of the Livingston City Council was held on February 4, 2020, in the City Council Chambers with Mayor Samra presiding.

REGULAR MEETING

Mayor Samra called the meeting to order at 7:00 p.m.

PLEDGE OF ALLEGIANCE

The pledge of allegiance to the flag was recited.

ROLL CALL

- Mayor Gurpal Samra
- Mayor Pro-Tem Raul Garcia (Excused Absence)
- Council Member Maria Baptista-Soto
- Council Member Juan Aguilar
- Council Member Gagandeep Kang

CHANGES TO THE AGENDA

Item No. 4 was tabled to the next meeting of February 18, 2020.

ANNOUNCEMENTS AND REPORTS

Supervisor Rodrigo Espinoza Announcements and Reports.

County Supervisor Espinoza reported that they did a Campus Parkway Ribbon Cutting and Groundbreaking on Friday. Moreover, he stated that he was reappointed to the San Joaquin Joint Powers Authority by the MCAG Board.

Damian Ramirez asked when they are going to break ground for the ACE train station in Livingston.

City Manager Ramirez responded that the decision-making process is still ongoing. However, the City went out and commissioned a commuter study through UOP. The City is also looking at the 35 acres along B Street and between Prusso and Winton Parkway. The City is trying to show that the project will have a direct impact and that they are doing things to mitigate greenhouse gases. They have also pledged six hundred and forty thousand plus a million dollars for a transit center.

Mayor Samra asked Mr. Espinoza if he mentioned at the last meeting that he (Mr. Espinoza) was the Chairman of the County Supervisors.

County Supervisor Espinoza stated yes.

City Staff Announcements and Reports.

Batallion Chief White and Fire Captain Alvis gave a PowerPoint presentation highlighting the Fire Department's Emergency Activity Report from January 1, 2019, to December 31, 2019. Within City limits, there were 900 medical aids, 63 vehicle accidents, 21 alarm soundings, 32 vegetation fires, 8 structure fires, 9 debris fire, 10 Firefighter standby, and 30 public assistance. There were 1113 incidents within the City and 702 within the County, with a total of 1,815 incidents in 2019. They also discussed training, events, and community outreach. Moreover, they went over the fire department's goals for 2020. Lastly, Livingston school inspections are currently active. They announced that the Livingston Annual Pancake Breakfast is going to take place on May 2, 2020.

Public Works Director Chavarria gave a PowerPoint presentation on the Public Works monthly report. He provided an update on the street/building department, fleet department, parks/LMD, and Janitorial department's ongoing duties and responsibilities. Mr. Chavarria stated that they recently completed the Hammett stripping project. Moreover, he mentioned that public works recently purchased a lateral inspection camera that can identify grease build-up, collapsed pipes, root intrusion, and separation of pipes.

Tommy Mejia from Public Works went over the operations department's duties and responsibilities. He also discussed Well # 8 meter replacement.

City Manager Announcements and Reports.

City Manager Ramirez reported that the City has been waiting for a new street sweeper. He stated that the street sweeper has been delayed because it requires all parts to be American made and the CNG facilities are in Turlock and Merced. Mr. Ramirez reached out to PG&E to find out the cost of a CNG facility. He also mentioned that in the meantime, they have been looking at a diesel street sweeper. Moreover, Mr. Ramirez stated that he reached out to the franchisee of Farmers Boys and Pollo Loco, but they are wanting to buy property instead of leasing property. Lastly, he noted that he met with the Board of Directors of Emerald Textile Services.

Council Members' Announcements and Reports.

Council Member Baptista noted that she is going to have a community communications session on Saturday, February 22, 2020, from 9:00 a.m. to 11:00 a.m. at the Council Chambers. She has invited Council Member Aguilar to attend the meeting. The session will be open to the public to discuss any issues or concerns they might have.

Mayor Samra asked Ms. Baptista if she would like the city to invite by mail.

Council Member Baptista stated that it would be possible.

Mayor Samra asked if there was anything else they can do to help promote her session.

County Supervisor Espinoza informed the council that only two council members could attend the meeting.

Council Member Aguilar reiterated that the meeting would allow people to voice their concerns or provide ideas. Moreover, he encouraged people to participate in the recreation commission. He noted that it's an excellent opportunity to be involved in the community and decision making.

Mayor's Announcements and Reports

Mayor Samra congratulated Emma Barragan for being the Employee of the Quarter.

City Manager Ramirez stated that every month the City nominates different employees on the outstanding work they do. Emma was selected as the Employee of the Quarter. He extended his appreciation to her.

PUBLIC HEARINGS

1. 16-CDBG-11142 Closeout and Public Hearing.

Paul Ashby from Adams Ashby Group introduced this item.

Mayor Samra opened and closed the Public Hearing at 7:41 p.m., as there were no comments from the public.

Motion: M/S Aguilar/Kang to direct staff to submit final reports and closeout package to the state. The motion carried 4-0-1 by the following roll call vote:

AYES:	Council Members: Aguilar, Kang, Baptista, and Samra
NOES:	Council Members: None
ABSENT:	Council Members: Garcia

CITIZEN COMMENTS

Mayor Samra opened Citizen Comments at 7:42 p.m.

Rick Soria, 1526 Main Street, announced that their professional soccer team in Livingston is going to have their first game on March 14th against Real San Jose. They have about four players that might get contracts from the Major League Soccer. He also noted that they would be using the Livingston Complex as their home field. Moreover, he would like to get support from the businesses in Livingston to keep the team running. Lastly, he acknowledged the head coach of the Livingston Cachorros Hover Team Enrique Medina Sr. Mr. Soria stated that if anyone is interested in volunteering or joining the team to please contact him.

Jose Moran, 945 Park View Dr., thanked City Manager Ramirez for all the great work he has done for the City and residents. Moreover, he asked for an update on the dog park. Mr. Moran also inquired about an ordinance on the flavored tobacco vaping products. Lastly, he announced that Silver Grad is selling carne asada dinner plates.

Damian Ramirez asked if there would be any groundbreaking for the Sports Complex master plan.

City Manager Ramirez stated that the project is ongoing, and the City has applied for several funding sources over the years. They are looking at putting an additional soccer field. He noted that they have a meeting this Thursday with a representative of the state parks to find out about other grant opportunities.

Mayor Samra closed Citizen Comments at 7:48 p.m., as there were no further comments from the public.

CONSENT AGENDA

2. Approval of Warrant Register Dated January 30, 2020.
3. Resolution Approving an Application for Funding and the Execution of a Grant Agreement and Any Amendments Thereto from the 2019-2020 Funding Year of the State CDBG Program.

Motion: M/S Aguilar/Kang to approve the Consent Agenda. The motion carried 4-0-1 by the following roll call vote:

AYES: Council Members: Baptista, Aguilar, Kang, and Samra
NOES: Council Members: None
ABSENT: Council Members: Garcia

DISCUSSION AND POTENTIAL ACTION ITEMS

4. Resolution Reappointing Adanan Bath to the Planning Commission.

Item No. 4 was tabled to the February 18, 2020 meeting.

5. Discussion and Possible Direction regarding Downtown Street Fair 2020.

Recreation Superintendent Benoit introduced this item.

Mayor Samra opened Public Comments at 7:52 p.m.

County Supervisor Espinoza recommended that they run the street fair for at least three months. He believes that the street fair would be successful if they hire Irene and Louise De La Cruz to manage it.

Julio Millan, Recreation Commissioner, noted that it's not feasible to cut more money from the kids in the recreational program to keep the street fair running. He believes that four weeks would be better. Mr. Millan also stated that the Recreation Committee recommended eliminating the fee on the students since its getting hard for them to sell food.

Mayor Samra closed Public Comments at 7:55 p.m., as there were no further comments from the public.

Council Member Aguilar stated that he supports the decision of the Recreation Commission. He believes that four weeks is feasible and affordable. He doesn't feel that it would be wise to hire someone to run the street fair.

Council Member Baptista thanked the Recreation Commission for reaching out to the local schools and for their great ideas.

Motion: M/S Aguilar/Baptista to go with the recommendation provided by the Recreation Commission of making the Farmers Market a four week event for the next year and continue assessing in the future. The motion carried 4-0-1 by the following roll call vote:

AYES: Council Members: Aguilar, Kang, Baptista, and Samra
NOES: Council Members: None
ABSENT: Council Members: Garcia

ADJOURNMENT

The meeting was adjourned by consensus at approximately 7:59 p.m.

Deputy City Clerk of the City of Livingston

APPROVED:

Mayor or Mayor ProTempore

The written meeting minutes reflect a summary of specific actions taken by the City Council. They do not necessarily reflect all of the comments or dialogue leading up to the action. All meetings are digitally recorded and are an official record of the meeting's proceedings. Digitally recorded verbatim minutes are available, upon request, and may be obtained at Livingston City Hall.



MEETING MINUTES

CLOSED SESSION/REGULAR MEETING LIVINGSTON CITY COUNCIL FEBRUARY 18, 2019

A Closed Session/Regular Meeting of the Livingston City Council was held on February 18, 2020, in the City Council Chambers with Mayor Samra presiding.

CALL TO ORDER

Mayor Samra called the meeting to order at 6:05 p.m.

ROLL CALL

- Mayor Gurpal Samra
- Mayor Pro-Tem Raul Garcia (Excused Absence)
- Council Member Maria Baptista
- Council Member Juan Aguilar
- Council Member Gagandeep Kang

Mayor Samra opened and subsequently closed Citizen Comments at 6:06 p.m., as there were no comments from the public.

CLOSED SESSION

Mayor Samra opened the meeting for public comments at 6:08 p.m. There were no comments and the Council went into Closed Session immediately thereafter to discuss the following matters:

1. Conference with Labor Negotiator
(Government Code Section 54957.6)
Labor Negotiator: Jose Antonio Ramirez, City Manager
All Represented and Unrepresented City Employees
2. Conference with Real Property Negotiator
(Government Code Section 54956.8)
Real Property:
APN: 024-011-016-000

Negotiating Parties for City: Jose Antonio Ramirez, City Manager
Under Negotiation: Potential Property Sale

REGULAR MEETING

Mayor Samra called the meeting to order at 7:01 p.m.

PLEDGE OF ALLEGIANCE

The pledge of allegiance to the flag was recited.

ROLL CALL

- Mayor Gurpal Samra
- Mayor Pro-Tem Raul Garcia (Excused Absence)
- Council Member Maria Baptista-Soto
- Council Member Juan Aguilar
- Council Member Gagandeep Kang

CLOSED SESSION ANNOUNCEMENTS

No reportable action was taken.

CHANGES TO THE AGENDA

None.

AWARDS, PRESENTATIONS, PROCLAMATIONS

1. Presentation by Mayor Samra: Recognition of Jasmine Alberto, Jesse Alberto, Josue Millan, and Phrabshan Mahal of the Livingston United FC.

Ana Alberto introduced Jasmine, Jesse, Josue, and Phrabshan. She noted that the children were nominated as the top soccer players in the U.S. She also stated that three of the children were selected for the All American Gold Cup. The three children will be representing Livingston in Florida.

Mayor Samra presented Jasmine Alberto, Jesse Alberto, Josue Millan, and Phrabshan Mahal with a Certificate of Recognition.

City Manager Ramirez announced that the City is going to have the naming of the soccer park on March 10th.

Mayor Samra noted that many people in the background make it possible for the players to play and get recognized. Moreover, he thanked Ms. Alberto for all the work she has done.

Ana Alberto noted that they could not have done it without the community support. She also mentioned that the four kids are great students. Moreover, she announced that they are going to be doing a tournament between businesses to help the children with their travel expenses to Florida.

ANNOUNCEMENTS AND REPORTS

Supervisor Rodrigo Espinoza Announcements and Reports.

None.

City Staff Announcements and Reports.

Recreation Superintendent Benoit reported that they received five applications for the recreation commission. She asked for direction on how they would like to select the candidates for the recreation commission.

Council Member Aguilar noted that they would like the opportunity to review the applications and invite them to the next council meeting. Mr. Aguilar asked if they are filling three positions.

Recreation Superintendent Benoit stated that it's for four positions.

Police Chief Chavez gave a PowerPoint presentation on the Police Department's monthly update. He noted that he attended the Campus Parkway Ribbon Cutting, Northern California Special Olympics Kick-Off meeting in Merced, and the Stanislaus Regional Police Academy Graduation. He also discussed the department's Alzheimer's training, school activities, collaborative meeting, Explorer Activities, and Coats for Kids Program. Deanna Soria, Maribel Arevelo, and Kristen Hill were able to purchase 40 coats for kids with Kohl's cash. Moreover, he invited everyone to attend the 2020 Officer & Dispatcher of the Year Ceremonies. The dispatcher ceremony is going to be on April 15th at 11:00 a.m., and the police officer ceremony is going to be on April 22nd at 5:00 p.m. at the Merced Elks Lodge. Lastly, Mr. Chavez noted that they had their second Traffic Safety Committee. They discussed Peach and Briarwood area, and Main and "I" Street. They have been receiving several reports of people speeding in those areas.

Finance Director Portillo gave a PowerPoint presentation on the mid-year budget review for fiscal year 2019/2020. She discussed the funds, five-year fiscal projection, and the next steps the City will be taking. Ms. Portillo noted that the council adopted the budget for fiscal year 2019/20 on June 4, 2019. Moreover, she pointed out that the general fund balance is projected to be \$2,776,994. Ms. Portillo stated that they are projecting a shortfall in the 2019/20 budget of \$300,000. However, some of the items are a onetime expenditure such as the development agreement. Lastly, the City will be looking at available opportunities to mitigate future budget deficits.

Mayor Samra asked if the general plan was taken into account.

City Manager Ramirez noted that they budgeted for half of the amount of the general plan. In the future, they will have other development impact fees.

Finance Director Portillo noted that the monies being used to fund the general plan update are coming from fees that can only be used for that specific purpose.

Mayor Samra noted that the budget is where he expected the city to be. However, the projections can be turnaround with new businesses.

City Manager Announcements and Reports.

City Manager Ramirez announced that on February 19th at 6:00 p.m., the City is going to have a reception for the New Mexican Consulate. He thanked Suave Dental and Villa's Mexican Grill for donating the appetizers. Moreover, Mr. Ramirez thanked Mr. Moran for organizing a Census Workshop at the Council

Chambers on February 29th. Lastly, he noted that the City is looking at March 10th for the naming of the soccer field at Max Foster Park Sports Complex. He asked the council for suggestions on a time that they would like to hold the event.

Council Member Aguilar asked that it be in the afternoon.

City Manager Ramirez asked if they would like it around 4:00 p.m. or 4:30 p.m.

Mayor Samra stated, yes.

City Council Members' Announcements and Reports.

Council Member Baptista reported that she attended the City's 100 Year Celebration meeting. She noted that the meeting was a great turnout with lots of feedback and great ideas.

Council Member Aguilar reminder the public that he and Ms. Baptista will be hosting a coffee and conversation meeting on February 22nd at 9:00 a.m. at the Council Chambers. The meeting will consist of conversation regarding ideas and concerns of the city and community. He also announced that the Fire Departments Annual Pancake Breakfast is going to be on May 2nd. They will also be doing the Fill the Boot event in May. Moreover, he attended the Centennial kickoff meeting, which brought lots of good ideas and the One Voice meeting. Some of the issues that they have been trying to advocate for the City of Livingston are grants for public safety, homelessness programs, surface water treatment, recreational facilities, and electric aviation program. At the next meeting, he would like to discuss who the delegates will be. Lastly, he asked Mr. Ramirez if he had an update on the electric cart for the fire department.

City Manager Ramirez replied that they are working on another round of funding. He noted that they were communicated that the City should be in the running to get it.

Council Member Aguilar asked if the City can advance the funds and get reimbursed after the City receives the grant.

City Manager Ramirez noted that he does not know the specific conditions of the grant. He believes that the City cannot upfront the money.

Police Chief Chavez noted that the City has to be approved before the City can front the money.

Council Member Aguilar noted that he is going to attend the MCAG Board meeting on Thursday.

Mayor's Announcements and Reports

None.

PUBLIC HEARINGS

2. Public Hearing - Waive Second Reading and Final Adoption of Ordinance No. 642 of the City Council of the City of Livingston Repealing Ordinance No. 628 and Replacing Livingston Municipal Code, Title 4, Chapter 1, "Building Administration Codes" to Adopt and Amend the 2019 California Building Code, 2019 California Mechanical Code, 2018 International Property Maintenance Code, 2019 California Plumbing Code, 2019 California Electrical Code, 2019 California Historical Building Code, 2019 Energy Code, 2019 California Green Building Standards Code, 2019 California Fire Code, and 2019 California Residential Building Code and All Appendices Attached Thereto.

Planning Director Hatch introduced this item.

Clerk's Notes: Council Member Kang stepped out of the Council Chambers at 7:59 p.m. but returned at 8:01 p.m.

Mayor Samra opened the Public Hearing at 8:01 p.m.

Katherine Schell-Rodriguez, P.O. Box 163, asked if a pre-existing home that is being rebuilt due to fire damage needs to comply with the new standards including the rooftop solar.

Planning Director Hatch replied that if the home was damaged by more than 50%, it does have to comply with the new codes.

Mayor Samra closed the Public Hearing at 8:03 p.m., as there were no further comments from the Public.

Motion: M/S Aguilar/Baptista to adopt Ordinance No. 642 Repealing Ordinance No. 628 and Replacing Livingston Municipal Code, Title 4, Chapter 1, "Building Administration Codes" to Adopt and Amend the 2019 California Building Code, 2019 California Mechanical Code, 2018 International Property Maintenance Code, 2019 California Plumbing Code, 2019 California Electrical Code, 2019 California Historical Building Code, 2019 Energy Code, 2019 California Green Building Standards Code, 2019 California Fire Code, and 2019 California Residential Building Code and All Appendices Attached Thereto. The motion carried 4-0-1 by the following roll call vote:

AYES: Council Members: Baptista, Aguilar, Kang, and Samra
NOES: Council Members: None
ABSENT: Council Members: Garcia

CITIZEN COMMENTS

Mayor Samra opened Citizen Comments at 8:05 p.m.

Peyton Kong from Assembly Member Adam Gray's office asked for council support on Assembly Bill 1980, which removes the automatic application of a 20% tax on all traffic violations. They believe that with state revenue and surplus predictions exceeding 18 billion dollars, the imposition of a 20% surcharge on traffic violations is unjustifiable.

Mayor Samra stated that he has a support letter signed. He noted that most of the time, the fees higher than the traffic violation ticket.

Council Member Aguilar asked Mr. Samra if this was his position or the City's position.

Mayor Samra stated that he signed on his behalf of himself as Mayor.

Mayor Samra closed Citizen Comments at 8:09 p.m., as there were no further comments from the public.

CONSENT AGENDA

3. Approval of Warrant Register Dated February 13, 2020.
4. Approval of Minutes of Meeting Held on January 21, 2020.

5. Approval of Minutes of Meeting Held on January 29, 2020.

Motion: M/S Baptista/Kang to approve the Consent Agenda. The motion carried 4-0-1 by the following voice vote:

AYES: Council Members: Baptista, Aguilar, Kang, and Samra
NOES: Council Members: None
ABSENT: Council Members: Garcia

DISCUSSION AND POTENTIAL ACTION ITEMS

6. Fiscal Year (FY) 2018/19 Financial Statements.

Finance Director Portillo introduced Mr. Brian Jolley, who will be providing the results of the City's audit and answer questions.

Brian Jolley introduced this item. He noted that they completed the City's audit for the fiscal year ending June 30, 2019. They found the City's books and records to be in accordance with the accepted accounting principles. He noted that they also did a single audit this year because the City's federal expenditures exceeded \$750,000. There were no exceptions to that audit.

Mayor Samra opened Public Comments at 8:14 p.m.

Katherine Schell-Rodriguez, P.O. Box 163, referenced the Statement of Net Position- Proprietary Funds and asked if the \$6,859,044 (under restricted for capital improvements) was the TCP Fund.

City Manager Ramirez stated yes.

Mayor Samra closed Public Comments at 8:15 p.m., as there were no further comments from the public.

Mayor Samra complimented the finance department for their professionalism and integrity.

Motion: M/S Aguilar/Baptista to approve Fiscal Year (FY) 2018/19 Financial Statements. The motion carried 4-0-1 by the following roll call vote:

AYES: Council Members: Baptista, Aguilar, Kang, and Samra
NOES: Council Members: None
ABSENT: Council Members: Garcia

7. Resolution Approving the Sale of Property Near the Intersection of West Hammatt Ave and North of "F" Street.

City Manager Ramirez introduced this item.

Mayor Samra opened Public Comments at 8:17 p.m.

Diego Castillo, P.O. Box 855, stated that his company is interested in acquiring the piece of property because it would be easier to access the property through the backside of the parcel and into F Street.

Council Member Aguilar expressed his support on the sale of the property and the proposed project.

Mayor Samra stated that he has no issues with the sale.

Motion: M/S Aguilar/Baptista to approve Resolution No. 2020-11, Approving the Sale of Property Near the Intersection of West Hammatt Ave and North of "F" Street. The motion carried 4-0-1 by the following roll call vote:

AYES: Council Members: Baptista, Aguilar, Kang, and Samra
NOES: Council Members: None
ABSENT: Council Members: Garcia

8. City Council to Provide Direction to Staff and/or Make an Appointment to the Planning Commission.

Planning Director Hatch introduced this item.

Mayor Samra opened Public Comments at 8:23 p.m.

William (Bob) Wallis, 1697 Spruce Ct, noted that he is the current Chair of the Planning Commission. He stated that since there is no consistency on how to go about appointing a new commissioner, there should be specific guidelines on what needs to be done.

Katherine Schell-Rodriguez, P.O. 163, stated that she agrees with Mr. Wallis. She wishes that there was consistency by posting it to the public all the time.

Council Member Baptista stated that she would like to appoint Mr. Roth since he has served as an alternate since 2017 and possibly have Mr. Bath serve as an alternate.

Council Member Aguilar stated that both members (Mr. Roth and Mr. Bath) do a good job. He said that they either appoint someone or they open it up to the public for applications.

Finance Director Hatch noted that they reached out to both alternates to see who was interested but only got a response from Mr. Roth. Mr. Bath is also interested in the position.

Mayor Samra stated that in regards to consistency between councils, it's inappropriate to tell the other council member how to appoint.

Council Member Aguilar asked about the protocol procedures in the past when a commissioner's term expired. He wondered if it varied from council to council.

Mayor Samra stated that it varies.

Council Member Baptista clarified that she was not questioning Mr. Bath's ability to serve to his capacity. She believed that in the previous staff report, it mentioned that Mr. Bath would fulfill the role until someone else was appointed.

Mayor Samra closed Public Comments at 8:27 p.m., as there were no further comments from the public.

Mayor Samra asked if someone wished to appoint or have any suggestions.

Motion: M/S Baptista to appoint Mr. Roth to the Planning Commission. The motion died due to a lack of a second.

Motion: M/S Kang/Aguilar to approve Resolution No. 2020-12, Appointing Adanan Bath to the Planning Commission. The motion carried 3-1-1 by the following roll call vote:

AYES: Council Members: Aguilar, Kang, and Samra
NOES: Council Members: Baptista
ABSENT: Council Members: Garcia

City Attorney Sanchez stated for the record that the motion was to adopt the resolution and fill in the blanks.

9. Professional Service Agreement between the City of Livingston and Sigala, Inc. and Authorize City Manager to Enter Into a Contract, in a Form Approved by City Attorney.

City Manager Ramirez introduced this item.

Michael Sigala provided some background for his company. He stated that his company manages statewide contracts and led the cap and trade application in Madera. He has a Master's in city-regional and city planning.

City Manager Ramirez stated that because it's a full service, the City will make Mr. Sigala and his firm responsible for everything.

Mayor Samra opened Public Comments at 8:39 p.m.

Diego Castillo, P.O. Box 855, noted that there is a deficit in housing throughout the state because of time frames and lead time to build a product. He thanked the council for making it easier for a developer.

Mayor Samra closed Public Comments at 8:40 p.m., as there were no further comments from the public.

Council Member Baptista stated that in Mr. Sigala's letter to the City, he mentioned homegrown business and asked Mr. Sigala what he is looking to bring to Livingston.

Michael Sigala stated that the statement was the background to his company, and it was not the vision for Livingston.

City Manager Ramirez stated that the vision for Livingston would be through workshops and community input.

Council Member Baptista asked how many workshops the City would have within the twelve months.

Michael Sigala stated that at least two.

Motion: M/S Baptista/Aguilar to approve a Professional Service Agreement between the City of Livingston and Sigala, Inc. and Authorize City Manager to Enter Into a Contract, in a Form Approved by City Attorney. The motion carried 4-0-1 by the following roll call vote:

AYES: Council Members: Baptista, Aguilar, Kang, and Samra
NOES: Council Members: None
ABSENT: Council Members: Garcia

ADJOURNMENT

The meeting was adjourned by consensus at approximately 8:44 p.m.

Deputy City Clerk of the City of Livingston

APPROVED:

Mayor or Mayor ProTempore

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RESOLUTION NO. 2020-

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
LIVINGSTON APPROVING THE SALE OF PROPERTY NEAR THE INTERSECTION OF
WEST HAMMATT AVE AND NORTH OF "F" STREET AND RATIFYING
COMPLIANCE WITH SURPLUS LANDS ACT**

WHEREAS, the City is the owner of that certain real property located on the North side of Hammatt Avenue, East of "F" Street in Livingston, California and also known as Merced County Assessor's Parcel Number 024-191-034 ("Property A"); and

WHEREAS, Property A is approximately 0.034 acres and is an improved and vacant parcel; and

WHEREAS, the City retained Valbridge Property Associates to appraise the fair market value of Property A; and

WHEREAS, Valbridge Property Associates appraised Property A as of May 6, 2019; and

WHEREAS, sale of the Property by the City will generate additional revenue for the City's Public Works/Water Fund for the purpose of addressing the needs of the "proposed" new fire station, and;

WHEREAS, the sale of the property conforms with the City's General Plan pursuant to Government Code section 65402; and

WHEREAS, Castle Assets LLC, Diego Castillo, Manager of the LLC has submitted an offer to purchase Property A for \$10,200, which is greater than the appraised value of the property as determined by Valbridge Property Associates; and

WHEREAS, Property A qualifies as "exempt surplus land" pursuant to Government Code section 54221(f)(1)(B) because it is smaller than 5,000 square feet and is proposed to be sold to the owner of contiguous land; and

WHEREAS, the City Council has determined that retaining Property A would serve no public purpose; and

WHEREAS, the City Council desires to sell Property A; and

WHEREAS, the City Council previously adopted a resolution on February 18, 2020 authorizing the sale of Property A and desires to adopt this resolution to confirm the sale complies with the requirements of the Surplus Lands Act.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Livingston as follows:

1. The above recitals are true and correct and incorporated herein.
2. The City Council finds that Property A qualifies as "exempt surplus land" pursuant to Government Code section 54221(f)(1)(B).

3. The City Council approves the sale of Property A to Castle Assets LLC, Diego Castillo, Manager of the LLC for a price of \$10,200 and authorizes the City Manager to negotiate and execute a purchase and sale agreement for the sale of Property A in a form approved by the City Attorney.
4. The City Manager and City Attorney are authorized and directed to take such action as is necessary to carry out the purpose and intent of this Resolution.

Passed and adopted this 17th day of March, 2020, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Gurpal Samra, Mayor
of the City of Livingston

ATTEST:

I, hereby certify that the foregoing resolution was regularly introduced, passed and adopted at a Regular Meeting of the City Council of the City of Livingston this 17th day of March, 2020.

Antonio Silva, City Clerk
of the City of Livingston

3493548.1

STAFF REPORT

AGENDA ITEM: Approve an Interlocal Contract for Cooperative Purchasing with OMNIA Partners for the purchase of Goods and Services in accordance with all applicable Federal, State and Local rules, regulations and ordinances

MEETING DATE: March 17, 2020

PREPARED BY: Anthony Chavarria, Public Works Director

REVIEWED BY: Jose Antonio Ramirez, City Manager

RECOMMENDATION:

Adopt Resolution No. _____ approving an Interlocal Contract for Cooperative Purchasing with OMNIA Partners for the purchase of goods and services in accordance with all applicable Federal, State and Local rules, regulations and ordinances.

BACKGROUND:

The City of Livingston is required to comply with the California Public Contract Code and Livingston Municipal Code on bidding requirements for procuring goods and services. The City is planning the roof repairs of City owned buildings.

In order to comply with the bidding requirements, many public agencies including cities and counties rely on cooperative purchasing programs to procure goods and services. These purchasing programs offer competitively solicited purchasing contracts available for use by any government and non-profit entity that meet the purchasing requirements for these local jurisdictions. Alternatively, the bidding requirements would be met by soliciting bids through a formal advertisement process including paying advertisements fees, preparing specifications and contract documents, and conducting the bid opening procedures.

The Livingston Municipal Code encourages the use of such cooperative purchasing agreements per Section 1-11-4.G.

DISCUSSION:

OMNIA Partners is the largest cooperative purchasing agency that offers national, competitively solicited purchasing contracts that meet the California Government Code Section 6502 for cooperative purchasing agreements. This cooperative purchasing contract would provide the City another option to procure the goods and services offered by this purchasing program (OMNIA Partners). Staff recommends that the City of Livingston become a member of the OMNIA Partners purchasing program to take advantage of their competitive prices for goods and services.

FISCAL IMPACT:

There are no fiscal impacts associated with this item.

ATTACHMENTS:

1. Resolution No. _____

RESOLUTION NO. 2020-

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LIVINGSTON
APPROVING AN INTERLOCAL CONTRACT FOR COOPERATIVE PURCHASING WITH
OMNIA PARTNERS FOR THE PURCHASE OF GOODS AND SERVICES IN ACCORDANCE
WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL RULES, REGULATIONS AND
ORDINANCES**

WHEREAS, the City of Livingston is planning for facility roof repairs of City owned building; and

WHEREAS, the City is required to comply with bidding requirements per the California Public Contract Code and Livingston Municipal Code; and

WHEREAS, the City desires to contract with OMNIA Partners for their cooperative purchasing program to comply with the bidding requirements for purchasing goods and services offered by the program and that are in the best interest of the City; and

WHEREAS, OMNIA Partners is authorized to contract with eligible entities to perform governmental functions and services, including the purchase of goods and services; and

WHEREAS, OMNIA Partners offers competitively solicited purchasing contracts in accordance with the California Government Code Section 6502 for cooperative purchasing agreements.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Livingston as follows:

Section 1. The above recitals are true and correct findings of the Livingston City Council.

Section 2. The City of Livingston agrees to participate in cooperative purchasing programs as encouraged by the Livingston Municipal Code Section 1-11-4.G for procuring goods and services such as facility maintenance and repair, all in accordance with the bidding requirements per the California Public Contract Code, California Government Code and Livingston Municipal Code.

Section 3. The City of Livingston approves an Interlocal Contract for Cooperative Purchasing with OMNIA Partners for the purchase of goods and services in the best interest of the City.

Section 4. The City Manager is hereby authorized to execute the Interlocal Contract for Cooperative Purchasing with OMNIA Partners.

Passed and adopted this 17th day of March, 2020, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Gurpal Samara, Mayor
of the City of Livingston

ATTEST:

I, hereby certify that the foregoing resolution was regularly introduced, passed and adopted at a Regular Meeting of the City Council of the City of Livingston this 17th day of March, 2020.

Antonio Silva, City Clerk
of the City of Livingston

STAFF REPORT

AGENDA ITEM: Resolution Accepting the Proposal Submitted by Adams Ashby Group to Provide Grant Services Related to the Housing Components of the Home Investment Partnership Program (HOME), the State Community Development Block Grant (CDBG) Program and CalHOME Housing Rehabilitation Program, Awarding a Professional Services Contract to Adams Ashby Group and Authorizing the City Manager to Execute an Agreement for Professional Services in a Form Approved by the City Attorney.

MEETING DATE: March 17, 2020

PREPARED BY: Jose Antonio Ramirez, City Manager

REVIEWED BY: Jose Antonio Ramirez, City Manager

RECOMMENDATION:

City Council adopt Resolution No. 2020-___, accepting the proposal received from Adams Ashby Group to provide grant services related to the Housing Components of the Home Investment Partnership Program (HOME), the State Community Development Block Grant (CDBG) Program and CalHOME Housing Rehabilitation Program, awarding a professional services contract to Adams Ashby Group and authorizing the City Manager to execute an agreement for professional services in a form as approved by the City Attorney.

BACKGROUND:

Prior to May 6, 2014, the City has a professional services contract with Self-Help Enterprises, and after such date, staff distributed a Request for Proposals (RFP) for housing program grant consulting services, including loan portfolio management. The City received responses from two firms, Self-Help Enterprises, and Adams Ashby Group. The City selected and entered into a contract with Adams Ashby Group.

DISCUSSION:

Staff has enjoyed working with the Adams Ashby Group, and for continuity purposes recommends that we renew our contract.

Adams Ashby Group's proposal includes grant writing, administration, and implementation of the City's Housing Programs including, but not limited to: First-Time Homebuyer Program and/or Housing Rehabilitation Program over a three year period using funds secured through Federal, State, and Local funding sources such as the Community Development Block Grant (CDBG), CalHOME Program, HOME Investment Partnership Program (HOME), CDBG Revolving Loan Accounts, and HOME Program Income.

Typically all of the grants that we submit and get awarded have grant administration costs and activity delivery costs.

FISCAL IMPACT:

The fiscal impact of this agreement will be determined on a grant-by-grant basis.

ATTACHMENTS:

1. Resolution No. 2020- __
2. Proposals
3. Professional Services Agreement

RESOLUTION NO. 2020-__

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LIVINGSTON
ACCEPTING THE PROPOSAL SUBMITTED BY ADAMS ASHBY GROUP TO PROVIDE
GRANT SERVICES RELATED TO THE HOUSING COMPONENTS OF THE HOME
INVESTMENT PARTNERSHIP PROGRAM (HOME), THE STATE COMMUNITY
DEVELOPMENT BLOCK GRANT (CDBG) PROGRAM AND CALHOME HOUSNG
REHABILITATION PROGRAM, AWARDING A PROFESSIONAL SERVICES CONTRACT
TO ADAMS ASHBY GROUP AND AUTHORIZING THE CITY MANAGER TO EXECUTE AN
AGREEMENT FOR PROFESSIONAL SERVICES IN A FORM APPROVED BY THE
CITY ATTORNEY**

WHEREAS, in response to the Request for Proposals from the City, proposals to provide grant services related to the housing components of the Home Investment Partnership Program (HOME), the State Community Development Block Grant (CDBG) Program, and the CalHOME Housing Rehabilitation Program, the City intends to renew its current contract; and

WHEREAS, based on the review of the qualifications and the proposals, the City Council determined that Adams Ashby Group's proposal for the purpose of continuity and excellent service should enter into a new agreement.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Livingston hereby adopts a Resolution to award a Professional Services Contract to provide grant services related to the housing components of the Home Investment Partnership Program (HOME), the State Community Development Block Grant (CDBG) Program, and the CalHOME Housing Rehabilitation Program, to Adams Ashby Group and Authorizing the City Manager to Execute an Agreement for professional services in a form approved by the City Attorney.

Passed and adopted this 17th day of March, 2020, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Gurpal Samra, Mayor
of the City of Livingston

ATTEST:

I, hereby certify that the foregoing resolution was regularly introduced, passed and adopted at a regular meeting of the City Council of the City of Livingston this 17th day of March, 2020.

Monica Cisneros, Deputy City Clerk
of the City of Livingston

JAN
2020

CITY OF LIVINGSTON
CDBG ADMINISTRATION
SERVICES



770 L Street – Suite 950
Sacramento, CA 95814
916.449.3944 t - 916.449.3934 f
www.adamsashbygroup.com

Adams Ashby Group

Adams Ashby Group has been designed to meet the needs of our clients. We bring together a strong team – in an environment that will allow us to take care of the department and community concerns. The Adams Ashby Group staff has more than 30 years of experience in community development services – specializing in CDBG Programs/Projects and would like to continue to put this experience to work for you!

Mission Statement

Our goal is to assist and train municipalities in identifying funding resources, maneuver through state and federal overlay requirements, and deliver these funds to accomplish various programs and projects.

Statement of Professional Qualifications

Centrally located within the State – Adams Ashby Group has been designed to service clients from the inception of a project or program, through planning to design, access funding, and provide project coordination, administration, and implementation. Lorie Ann Adams and Paul Ashby have assembled a team to include the industries brightest talents to ensure your program or project is a success and meets required regulations.

We have been working together for many years and bring over 30 years of community development experience and knowledge that is outlined in the following pages. The projects and program experiences outlined in this document were completed during our careers and we bring these experiences to the Adams Ashby Group.

We are a full-service firm and our background will provide you with a broad knowledge base. Thank you for the opportunity to provide the City of Livingston a preview of our firm and how we can effectuate success in your programs. We look forward to the future and including you as a part of it!

Adams Ashby Group

770 L Street – Suite 950
Sacramento, CA 95814

832 Richland Road
Yuba City, CA 95993

916.449.3944 t - 916.449.3934 f

www.adamsashbygroup.com

A. Detailed History, Summary of Services & Experience

As the market changes and our government responds, each municipality is faced with maneuvering funding sources for project and program implementation. The Adams Ashby Group provides community development services throughout the State of California. Our firm is unique because we have a broad understanding of the variety of needs in the communities we service. We provide organizations with services that will assist in obtaining state and federal funds, conducting the necessary planning and housing studies, implementing and administration of housing programs and services, federal and state overlay requirements including labor compliance for public works projects, environmental studies, and many more services that benefit your community. We have spent many years of building relationships and accessing resources to guide our clients in short and long-term project/program planning and implementation. Below is a general outline of the service we offer and have demonstrated experience in providing service to the County:

<p>Grant /Program Management Services Program Income management Portfolio management Project management Funding management Long Term Monitoring - HOME</p> <p>Program and Project Implementation Services Housing rehabilitation programs Home buyer programs RDA 20 percent set-aside programs TBRA Programs NSP Programs and Projects</p> <p>Planning and Community Studies Program design and development Economic development studies Housing condition surveys Special needs assessments Income surveys Public and community facilities</p> <p>Compliance/Overlay Requirement Services Federal and state Labor</p> <p>Environmental services CEQA NEPA Combination CEQA/NEPA Phase I /Phase II</p>	<p>Grant /Funding Services CDBG HOME EHAP CalHOME State bond programs Small Community Grants Program USDA – Rural Development Caltrans Safe Routes to Schools (State and Federal) STIP and RTIP Department of Parks and Recreation Roberti Z' Berg Harris Program Land and water conservation fund Recreational trail program I Bank Department of Water Resources State Water Resources Control Board CalRecycle Department of Transportation Environmental Protection Agency Department of Homeland Security Department of Justice Environmental Protection Agency</p> <p>Project Development Recreational Trail Park Development Infrastructure Project Development Water, Sewer, Storm Drainage, etc. Lighting Public Safety Facilities Multi-Family Housing</p>
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Grant Programs

The Adams Ashby Group recognizes the importance of securing financial assistance for municipalities and can provide your community with the necessary resources and expertise to secure both private and public funding. As with any program or project, locating and securing funding is the key component to its success. Now more than ever, organizations must put priority projects and programs on the shelf due to the lack of available monies in budgets. Our team monitors funding agencies and resources daily to ensure every available grant and loan program is examined to provide our clients with as many opportunities as possible. Our goal is to leverage funding to the highest extent possible.

The above table outlines the state and federal agencies that we have grant writing experience in and continuously monitor to ensure critical dates and funding announcements are distributed to our clients. The Adams Ashby Group is your one stop resource for identifying and securing state and federal funds.

Grant / Program Management Services

Managing grant programs and funding is essential to the success of a grant awarded to a community, as performance can determine future awards and grant management must be a priority. Once a program has been completed, residual management of Program Income, Portfolio's and Long-Term Monitoring are required and must continue. The Adams Ashby Group is trained and maintains certifications by HUD and other agencies to effectively provide these services to your agency and ensure compliance.

Program and Project Implementation Services

There are a variety of programs and projects that can be implemented with grants funds depending on your community needs whether a housing program or public works project. Our goal is to assist in the development, visioning and implementation of your programs and projects. Adams Ashby Group is prepared to implement your programs and projects and assist you in accessing the required funding to meet the needs of your community.

Planning and Community Studies

Planning is always the first step in any project or program and understanding the variety of factors are critical to accessing funding. The Adams Ashby Group will provide focus and assist your community in accessing funding to complete the appropriate studies that are a priority for your community. Our firm can assist you in the development and preparation of the following types of planning and community studies: housing and other service-oriented programs, update to housing element, special needs assessments, income surveys, and necessary design/engineering for your various public works and community projects. At the Adams Ashby Group, we have been successful throughout our careers in accessing planning dollars, with more than \$800,000 secured for communities, which has resulted in a variety of community planning studies and reports that have led to CDBG Projects.

Compliance/Overlay Requirement Services

Each granting agency has specific compliance and overlay requirements; for example, environmental, equal opportunity, Buy American, State prevailing wage, Davis - Bacon labor standards and relocation requirements. Managing and having complete records of compliance is critical to ensure your project or program will not fail to meet these requirements. In some instances, failure to meet the requirements could result in a loss of funding or repayment of funds to the granting agency. The Adams Ashby Group manages these requirements for our clients to ensure compliance.

Environmental Services

Throughout their professional years, Ms. Adams and Mr. Ashby have completed the necessary environmental clearances for a variety of housing projects, programs, and public works projects. Depending on your project needs, the following demonstrates the level of environmental services that the Adams Ashby Group can provide: CEQA Initial Study, NEPA Statutory Worksheet, Environmental Assessment, 8-Step Flood Impact Analysis, Environmental Findings Form, and HUD required environmental documents, and all public processes triggered by each. For high level CEQA and NEPA services Adams Ashby Group has developed relationships with firms to provide services based on the project needs.

Project Development

Throughout our careers we have been instrumental in guiding municipal agencies in the development and implementation of various projects and programs. We understand the steps necessary to produce an idea from an initial thought to the actions needed to develop, fund, and construct. The Adams Ashby Group can assist you in developing ideas and visions into completed projects.



Grant Experience

Funding Agency/Program	Funding Managed
CalTrans Transportation Enhancement Program	\$294,000
CalTrans Safe Routes to School - State and Federal	\$1,715,000
CalTrans Bridge Replacement Program	\$428,000
CDBG - Project and Program Funds	\$42,000,000
CDBG - Planning Technical Assistance	\$1,200,000
CDBG - Planning Technical Assistance - ED	\$135,000
CalHOME - First Time Homebuyer Program	\$900,000
HOME - OOR, FTHB, and TBRA Programs	\$18,676,000
HOME - First Time Homebuyer Project	\$500,000
EHAP - Capital Development Project	\$1,000,000
California Integrated Waste Management Board - Tire Derived Grant Program	\$292,000
DWR - Prop 13 Water Project	\$2,300,000
DWR - Proposition 50 Funds	\$7,000,000
Department of Park and Recreation - Park/Trail Funding	\$973,000
USDA - Water and Sewer Infrastructure Program	\$7,700,000
Stewardship Council - Park Funds	\$300,000
First 5 - Fresno County - Park Funds	\$1,500,000
Board of Reclamation - Water Project	\$80,000
Joe Serna, Jr. Farmworker Housing Grant Program	\$2,000,000

Recent CDBG Experience

2018 CDBG Awards for AAG Clients:

9 applications submitted

County of Tehama	\$2,900,000	City of Lakeport	\$650,000
City of Firebaugh	\$2,350,000	City of San Joaquin	\$2,950,000
City of Dinuba	\$3,000,000		

2017 CDBG Awards for AAG Clients:

10 applications submitted

City of Crescent City	\$5,000,000	City of Lakeport	\$600,000
City of Firebaugh	\$5,000,000	City of King City	\$500,000
City of San Joaquin	\$2,200,000	County of Nevada	\$3,196,396
City of Clearlake	\$500,000	City of Grover Beach	\$2,558,021

2016 CDBG Awards for AAG Clients:

4 applications submitted

City of Crescent City	\$707,500	City of Orange Cove	\$225,000
City of Susanville	\$450,000	City of Livingston	\$1,700,000

2015 CDBG Awards for AAG Clients:

4 applications submitted

City of Firebaugh	\$2,000,000	City of Marysville	\$1,800,000
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2014 CDBG Awards for AAG Clients:

City of Capitola	\$500,000	City of Crescent City	\$1,943,863
City of San Joaquin	\$1,700,000		

2013 CDBG Awards for AAG Clients:

City of Anderson	\$1,878,967	City of Grover Beach	\$1,800,000
City of Lincoln	\$100,000	City of Livingston	\$1,600,000
City of Red Bluff	\$1,350,000	County of Tehama	\$1,500,000
City of Yolo	\$851,900		

2012 CDBG Awards for AAG Clients:

City of Firebaugh	\$794,703	City of Orange Cove	\$1,056,664
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CDBG Administration and Implementation over the past 5 years:

City of Capitola	14-CDBG-9877
City of Clearlake	14-CDBG-9879
City of Crescent City	10-STBG-6708 10-EDEF-7253 12-CDBG-8380 14-CDBG-9880
City of Dinuba	18-CDBG-12892 15-CDBG-10560
City of Firebaugh	17-CDBG-12016 15-CDBG-10568 12-CDBG-6714 10-STBG-6174

City of Grover Beach	17-CDBG-12027 13-CDBG-8961
City of Livingston	13-CDBG-8960 16-CDBG-8906
City of Orange Cove	12-CDBG-8403 16-CDBG-11143
City of Red Bluff	13-CDBG-8936
City of San Joaquin	17-CDBG-12026 14-CDBG-9886
City of Hollister	17-CDBG-12098

Reference and Project Listing

Below we have included a list of references and a brief overview of projects completed by Adams Ashby Group.

City of Firebaugh

Ben Gallegos, City Manger
Rita Lozano, City Clerk
1133 P Street
Firebaugh, CA 93622
Phone: (559) 659-2043

We have worked with the City for over a period of 8 years assisting with the implementation of the various housing programs and a variety of infrastructure projects in the City. Administration and implementation of more than \$5 million in infrastructure projects including labor compliance. We have prepared numerous applications for funding under DWR, Stewardship Council, RZH and Park Funds, HOME, CDBG, and Caltrans. We provide data and support information to ensure the housing element recommendations are implemented as well as development of strategies based on the current needs of the community.

CDBG Experience:

09-STAR-6389: Public Infrastructure Project
10-STBG-6714: Public Infrastructure Project
11-PTEC-7623: Planning Technical Assistance
12-CDBG-8389: Public Infrastructure Project
15-CDBG-10568: Public Infrastructure Project

City of Lakeport

Margaret Silveria, City Manager
225 Park Street
Lakeport, CA 95453
Phone: (707) 263-8841

The Adams Ashby Group provides the City of Lakeport with support in administering and delivering the city's housing programs. This includes the City's homebuyer and rehabilitation programs under both HOME and CDBG. Throughout this contract we have provided the following: on-site training for staff, update and submission of program guidelines, complete environmental documents for various housing projects, provide City staff with support to administer their housing programs, and much more. Currently we have been tasked with two USDA Applications to support the sewer and water systems upgrades.

City of Crescent City

Bridgette Lacy, CDBG Manager
Linda Leaver, Finance Director
Eric Wier, Public Works Director
377 J St. Crescent City, CA 95531
Phone: (707) 464-7483

Adams Ashby Groups newest client and one of the more complex communities. The City of Crescent city has an active CDBG portfolio, remote location, and projects that range from ED, community services and infrastructure all happening at once. We have worked to become an integral part of this dynamic team in a short time and have provided value in access to new funding sources and a fresh outlook on projects. Our main goal is to train staff and to manage compliance for the contracts.

CDBG Experience:

Program Income: PI Waiver Projects for Public Service
 10-STBG-6708: Public Services
 10-EDEF-7253: Business Assistance Programs
 11-PTEC-7618: Planning Technical Assistance
 12-CDBG-8380: Public Infrastructure
 14-CDBG-9880: Public Infrastructure

City of San Joaquin

Elizabeth Nunez, City Manager
 Lupe Estrada, Grants Coordinator
 21900 Colorado Avenue
 San Joaquin, CA
 Phone: (559)-693-4311

Adams Ashby Group has worked with the City for the past five years on a variety of projects/programs. This has included administration of their housing programs funded through program income. We have assisted their staff in reviewing applicant files, verification of income, reports, and guidelines. Recently, we assisted the City in completing and being awarded a new CDBG grant in 2014. The grant includes funds for a new drinking water well and an owner-occupied rehabilitation program. AAG will be handling all the primary administration duties required by the CDBG grant

CDBG Experience
 Program Income: PI Waiver Project for Public Facility

14-CDBG-9886: Water Storage Tank and Housing

County of Trinity

Jim Cook, CDBG Representative
 Trinity County Administration
 PO Box 1613
 Weaverville, CA 96093
 Phone: (530) 623-1382

The County of Trinity is implementing disaster funding implemented by CDBG program. Adams Ashby Group is currently implementing CDBG Labor Compliance monitoring for a variety of projects funded under this grant including park rehabilitation, hospital re-roof/HVAC, bushing project and installation of water tanks. The projects are nearing completion and have been successful.

County of Calaveras

Kris Redman
 Administrative Services Manager II – Fiscal
 509 East Saint Charles St.
 San Andreas, CA 95249
 (209) 754-6613

Adams Ashby Group is currently implementing CDBG Housing funding to support disaster victims. In addition to this funding we provide portfolio management services for their CDBG and HOME loan portfolio. We provide services related to payoffs, modifications, foreclosures, monthly and annual reviews to ensure taxes, insurance and occupancy are met in accordance to the Federal and State regulations.

E. Proposed Scope of Work

As outlined in the Request for Proposal, the City of Livingston is seeking multiple disciplines and Adams Ashby Group is submitting a proposal for the following:

- Preparing CDBG Applications – including new OTC Application Process
- Preparing other possible funding opportunities applications for projects
- General Administration of grant awards including public works, community/facilities, public services and planning grants
- Implementation of projects and programs related to awards for public works, community/facilities, public services and planning grants

As the City is not currently under contract with CDBG or other funding agencies, below we have provided an outline of the general scope of work necessary to implement and manage the projects as outlined. Once a contract is received, we will work with the City to determine the tasks and roles based on the project and funding source.

Administration

Once funds are secured, grantees are responsible for complying with many conditions under the grant contract. Following these requirements strictly, will ensure your projects perform efficiently and within state/federal regulations. Projects and programs that are found to be out of compliance run the risk of not being eligible to reapply for grant funds in future years or even having to return funds to the State that may have already been spent. Below is a brief summary of the major tasks we would propose to assist your team in administering your CDBG grant contract.

Conduct all required public meetings and hearings

Most granting agencies require public hearings and meetings are held throughout the term of a grant agreement. These meetings are imperative to providing outreach to the community in the process of implementing state and federal funds. Our staff will ensure all notices are provided for publishing prior to deadlines and we will be available to attend, and lead hearings based on the needs of the City. Additionally, our team provides draft Council memorandum and draft resolutions (when required) to assist in training your team on the information needed and required to maintain citizen participation requirements. Many changes have been occurring at the State level regarding public outreach and affirmative marketing of programs. Adams Ashby Group will assist you team in the development of the LEP (LIMITED ENGLISH PROFICIENCY) Requirements and implementation thereof to assure meeting HUD requirements.

Contract special conditions

Once the City has received an executed contract, staff will take the next steps in Clearing Conditions and submitting the General Conditions Clearance Process. This ensures that all special conditions are met to ensure compliance and funds are available in a timely manner. Each agency requires its own specific conditions to be met dependent on the program or project. Our team has experience in a variety of requirements, which may include but not be limited to environmental compliance, project timelines, updated cost estimates, relocation plans, program and monitoring guidelines, and more. Additionally, we will stay in close contact with your state representative to ensure strong communication is maintained throughout project/program setup. CDBG has recently published a new special conditions checklist that

states which factors the City will need to address before expending any grant funds – AAG will guide your staff through this checklist to ensure we can get approval fast and efficiently.

Program/Monitoring Guidelines

The City will be required to establish training and monitoring guidelines for the Subrecipients under the contract. We will update the current program to include the new 2 CFR Part 200 Regulations and we will work with each agency to review the updated manual and provide on-site training with each subrecipient to ensure compliance with CDBG, Federal and State regulations under the contract. Additionally, the City will be required to monitor the subrecipient during the term of the contract. The guidelines have established the process and provided the required forms and letters for implementation of this process. Adams Ashby Group will attend the monitoring and assure staff is maintaining the required records through clearance.

Procurement

The contract provided will require various types of procurement. Adams Ashby Group possesses the necessary resources to fulfill this task for the City. We are aware of the stringent procurement processes that are involved with any state and federal funds and realize the importance of obtaining competitive bids for various projects. We have experience in a variety of procurement fields and will assist with the request for proposal, solicitations, advertisements, and any other procurement issue the City may require assistance.

Program Reporting

A variety of reports are required for compliance with CDBG. The reporting timelines are established on a quarterly, semi-annual and annual basis. Our firm will send out a reminder 15 days prior to the end of the reporting period to ensure late reports do not result. Review of the reports, completing of the reports, or a shared approach will be reviewed as part of our relationship- this will ensure the training process will occur if staff is not yet ready to complete this part of the grant program process. Understanding reports is critical in ensuring a complete management process as much of the data required is collected ongoing throughout the program cycle. We will work closely with your finance department to ensure all accounting is accurate and be a check and balance for this process.

Maintain all Fiscal Records

The City has the end responsibility of ensuring records and fiscal records are maintained and accurate. Adams Ashby Group will provide staff with a records system that will allow staff to manage these records. Additionally, we will keep a complete secondary set of records to ensure information is available upon request by the funding agency. Fiscal records will be requested and audited on a quarterly basis to ensure all financial data is accurate and recorded. We will additionally provide training and capacity building as needed.

Prepare Public Information File

Each funding source requires a document/recordkeeping system with specific files and forms to be available upon monitoring. It is critical these files are set up and managed from the beginning process – application through final close out. Maintenance of this system will ensure a smooth monitoring with the State or Federal agency. Additionally, the Federal Regulations require grant programs to be a public process. This includes the establishment and maintenance of a public information binder that is available to the public during regular office

hours. Our team will work with staff to establish this binder for each program as required by the funding agency. As each program moves forward it is our goal to assist with the process and perform inspections of all required files to ensure consistency and accuracy.

Communication

With any grant program or project, it is critical to have strong coordination and clear communication between City staff and state/federal agencies. As your consultant, we will ensure that all parties involved will be clear of project logistics, tasks, responsibilities, and timelines. This high degree of coordination will allow City staff to stay abreast of all programs/projects, without devoting all of their time to such tasks.

Additionally, our team has developed strong relationships with many state and federal agencies throughout our professional careers. Having this background, will provide the City with an expertise of the intricacies of each program allowing for smoother projects and a bridge for communication should unforeseeable issues arise.

Oversee Equal Opportunity compliance

Each program requires compliance with equal opportunity laws to ensure discrimination has not occurred during the operation of a program. Adams Ashby Group will review all documents, advertising, and collect required data to adequately document compliance with the requirements.

Preparation of program records

Each funding source requires a document/recordkeeping system with specific files and forms to be available upon monitoring. It is critical these files are set up and managed from the beginning process – application through final close out. Maintenance of this system will ensure a smooth monitoring with the State or Federal agency. Additionally, the Federal Regulations require grant programs to be a public process. This includes the establishment and maintenance of a public information binder that is available to the public during regular office hours. Our team will work with staff to establish this binder for each program as required by the funding agency. As each program moves forward it is our goal to assist as necessary with the process and we will perform Inspection of all required files to ensure consistency and accuracy.

Upon grant expiration, we will also meet with your staff to review the grant closeout process and what the ongoing responsibilities of the City will be even though the grant is being close out. Such programs as CDBG require efficient record keeping for many years after the grant, as well as other requirements that will ensure your projects are maintained and serviced properly. Our firm will work with your staff and your current CDBG manual to make certain that each role is identified and CDBG expectations are being satisfied.

Implementation of Projects / Public Infrastructure

The Adams Ashby Group is well versed in both Federal and State Requirements for your recently funded CDBG project to ensure that your labor compliance duties are met.

Below we have provided a general scope of work for the project:

- **General Project Tasks**
 - Review/Obtain DIR and DOL wage rates and classifications for job
 - Conduct craft matching process and provide highest wage rate for payment to contractor/City for CDBG review

- Verifying Contractor and Sub contractor Eligibility
 - Conduct Pre-construction conference meeting and provide labor compliance job handbooks;
 - Communicate and coordinate with General Contractor to obtain all certificates and authorization documents for general and subs;
 - Obtain Apprenticeship Program Certifications and Registration for General Contractor and all subs; This includes DIR and DOL Certifications and wage rates
 - Complete all required reports to CDBG;
 - Maintain project file in compliance with funding sources;
- **Payroll Reviews and Statement of Compliance**
 - Obtain and review weekly certified payrolls
 - Obtain and maintain all required reporting documents for the funding sources
 - Ensure compliance prior to payment
 - Review construction logs and compare to payrolls submitted for compliance
 - Review on-site interview data and compare to payrolls submitted
 - Verify Bona Fide Fringe Benefit plans and CAC payments
- **Reporting Documents**
 - Section 3 Reports
 - Prepare Semi Annual Labor Standards Enforcement Reports
 - Final Wage Compliance Report
- **On-site Employee Interviews**
 - Conduct on site employee interviews as needed - estimate 2-3 site visits
 - Mail interviews

Implementation of Public Services

The public services are a function of General Administration but require specific management to ensure compliance under CDBG. Ensuring all Federal and State CDBG Regulations are implemented as a pass through is critical to success of the subrecipient under CDBG. The first step is to assess the degree of experience the subrecipient has and the level of training required to effectuate compliance. Below we have outlined the tasks associated with the management of this process:

- Draft/Review subrecipient contract to ensure all required language is included
- Develop written management system plan for inclusion in contract
- Review and train City Staff on process related to management of Subrecipients
- Meet with Subrecipients to assess level of experience and training needed to execute the contracts
- Review Subrecipients financial management system and identify any concerns/issue/corrections required for compliance
- Review conflict of interest regulation and discuss any potential issues
- Schedule/execute training
- Conduct monitoring
- Review and approve payment request submittals and back-up
- Process payments
- Review and audit Quarterly Reports and data required for GPR

Cost Proposal

As the City has not formally received an award, we are providing an outline of our hourly rates and standard percentage cost based on a current CDBG process.

2020 Cost Schedule	Hourly Rate
Principal	\$125.00
Support Staff	\$75.00

CDBG	Proposed Cost	City Share
General Administration Public Works/Public Facilities Projects (including labor compliance)	3%	4.5% (7.5% allowed)
CDBG OTC Application	\$7,500 (eligible under GA of grant)	
Other Grant Applications	To Be Negotiated when Identified	

The proposed General Administration billing for open contracts with CDBG will be billed as a monthly flat billing depending on the length of the project schedule and contract, which will range anywhere from 10 to 24 months, but will not exceed the percentage maximum above. For example, on a \$3 million project, our 3% would equate to \$90,000 – we would then bill this out monthly. The monthly fee will cover all costs associated with providing the general administration and labor compliance. Should the contract be closed out early due to project completion, we would propose to bill the remaining contract amount.

The only item that is excluded is future CDBG grant applications and other applications, which will be negotiated prior to application preparation should the City seek funding for future projects. CDBG applications can range from \$4,500 to \$8,500 depending on the project type and the number of sections to be applied under, once an application is being considered a full cost estimate will be provided at that time.

Experience of Firm and Team

Adams Ashby Group – is a group established in June 2009 and brings over 30 years of career experience to build a strong clientele who continue to renew contracts. Lorie Adams has worked with funding under the CDBG program since 1991 as a city employee and continued her implementation and management of programs and projects serving as manager and director for two consultant firms before launching Adams Ashby Group with Paul Ashby. Ms. Adams has worked closely with the department over the years as a past and present member of the CDBG Advisory Committee and Design Review Team as well as providing training during CDBG Conferences to colleagues during conference sessions.

Ms. Adams has worked closely with the department over the years as a past and present member of the CDBG Advisory Committee as well as providing training during CDBG Conferences to colleagues during conference sessions. Mr. Ashby joined in service to the program in 2006 and has built a foundation of service unsurpassed in the industry. From constructing Head Start Centers, upgrading Water and Sewer Treatment Facilities, management of Public Services, to training staff – Lorie and Paul have the experience to support the needs of your team.

Our team understands the management of the Federal and State Regulations required for your project and programs to be successful and to eliminate the concern of “paying money back” to the State due to a minor oversight or error. We work to ensure the steps are taken in the proper order, communication of the process is clear, and the tools are established to capture the necessary information and file management system is in order to ease your monitoring requirements. Having been a part of recent audits through the CDBG program – we were told by the auditor – “this was the best audit I have ever had” – the reason this statement was made is due to the work by our team.

Based on the activities outlined in the City's CDBG Contract, the requirements are extensive, and development of several items will be necessary. This will be discussed in more detail under Section E1. To provide information related to our experience with funding procedures and procurement, we would provide our team has been successful with grants from 1991 to current. At no time have we experienced and unresolved finding under the CDBG Program and have met the requirements for project through close-out for each contract. Many changes have occurred under CDBG over the past several years and more are upon us as the State rewrites the program and management changes that will be implemented.

On the next pages we have provided Resumes for Lorie Adams and Paul Ashby outlining our experience and projects for your review. Please refer to the information provided under Section E for references.



Lorie Ann Adams

Principal

Education

AA, Business Administration, Axia College/Yuba College
BS, Business - Public Administration, University of Phoenix
HUD HOME Expert Certification (2006)
School of Real Estate Graduate (2001)

Certifications

CDBG/HOME Annual Workshop/Training Programs (1992-Present)
HUD Environmental Training Program (2001 - 2009)
HUD Relocation Training (2002- 2009)
Environmental Training Courses, University of Davis (2005,2006)
AJI Network, Santa Clara CA (2005-2006)
Labor Compliance Workshops HUD/DIR (2004-2017)
Landmark Education (2006,2007,2009)
League of California Cities Annual Conference (2006-2015)
CalTrans Local Assistance Training (2006-2009)

Professional Affiliations

National Grants Management Association Member (2005-2009)
CDBG Advisory Task Force (1992-1995, Current)
Live Oak Chamber of Commerce Board Member (1992-1995)
Yuba Sutter Chamber of Commerce (2006-2008)
HOME Advisory Task Force (Current)
Yuba City Planning Commissioner (Current)

Project Experience

Maldonado Regional Park, City of Firebaugh

7 acre regional park project totaling \$5.2 million dollars in funding from federal and state sources. Provided the city with funding from 8 sources to complete the project. All aspects of implementation were managed by to ensure compliance for each funding source including reporting, funding draws, environmental compliance, labor compliance, procurement and other Federal and State regulations. The facility now provides a skate park, splash park, three ball fields, regional soccer facilities, park and ride lot, basketball courts, community garden, and a quality of life to the residents.

Department of Water Resources, City of Firebaugh

Assisted the community in updating an application previously submitted to obtain funds for the replacement of water infrastructure lines within the downtown. The project total was \$2.2 million in funding and has resulted in additional funds being awarded to the agency to expand the project. Provided the city with management of the project overlay requirements, procurement process, administration, labor compliance and environmental compliance for the project.

USDA Rural Utilities Services Program, City of Biggs

Completed pre-application and application for a project totaling \$5.2 million in funding for the replacement and rehabilitation of the entire community's water infrastructure. The project installed 42,000 lf of water line, updated water meter network including billing program, developed a new well, and increased fire flows from 20 to 60. Managed federal overlay requirements for the project including procurement, fund requests, reporting, environmental clearance, labor compliance, and contract amendments. Application received the only grant award in the tri-county area. The project additionally was combined with other state and federal funds to complete all street paving, pedestrian pathways, bike lanes and storm drainage improvements.

Dee Ree-Richards Road Water/Sewer Infrastructure Project, City of Live Oak

Funded through the CDBG program, obtained funds and managed the project with the City Engineer. The project provided city water and sewer connection to an area recently annexed. The project provided a looped system as well as requiring the abandonment of septic and well systems. Provided administration of the funding program, requirements under Davis Bacon and other federal overlays as required, obtained and managed all right-of-way easements, and conducted income analysis for participants receiving grant funding for lateral connections.

Head Start Center, City of Live Oak

Approached by Head Start Director, Joann Aiello for needed space in the City for the program after losing their lease; I provided the vision, secured funding, and supervised the development team and project construction, which used \$500,000 from CDBG and \$100,000 of local leverage to build a new facility. This was the second project in the State of California awarded funds under the CDBG program for Head Start Centers.

Community Development Block Grant Program

Have completed 45 applications under the General Allocation Programs and 35 applications under the Planning Technical Assistance Program, each receiving award, totaling \$33 million in funding. Applications include Housing Rehabilitation, First-Time Homebuyer with or without Rehabilitation, Community Facilities, New Housing Construction, Public Works and various planning grants as outlined above. Also completed program administration and implementation of all environmental and other overlay requirements.

HOME Investment Partnership Program

Completed 22 applications under the HOME Program, each receiving award, totaling \$7.9 million in funding. Applications included Owner-Occupied Rehabilitation, First-Time Homebuyer, Tenant-Based Rental Assistance, and Renter-Occupied Rehabilitation. Completed program administration and implementation of all program requirements including environmental and other overlay requirements as outlined in the Federal Regulations.



Paul Ashby

Principal

Education

BS, Community and Regional Development with an emphasis in Policy and Planning, University of California Davis (2006)

Certifications

CALED – Keys to Successful Economic Development Certification (2009)
Redeveloping California's Brownfields Workshop (2007,2008)
CDBG/HOME Annual Workshop/Training Programs (2006-2010)
HUD Environmental Training Program (2006 - 2012)
CalTrans Local Assistance Training (2006-2009)
Safe Routes 2 School National Conference (2007)

Experience

**Community Development Manager
California Engineering Company**

April 2006 – May 2009

As community development manager, oversaw a staff of five and ensured project/program efficiency and completeness. Performed as the primary grant writer at the firm and successfully retained more than \$15 million for various clients throughout the state. Provided expertise to clients for grant funding from various state and federal agencies, including but not limited to: HCD, HUD, USDA, DWR, Caltrans, Parks and Recreation Department, and more. Additionally, oversaw the majority of proposals in response to Request for Proposals and Request for Qualifications for community development services.

Project Experience

Community Center, City of Los Banos

Worked with city officials and architect consultants in the proposal and selection of a site for a new community center. Also performed an environmental assessment on proposed sites, complying with NEPA and CEQA regulations. His site analysis was used for making the decision on the most appropriate site for the new community center to be constructed.

Sky View Water District, County of Tehama

Managed a multi-phased water infrastructure project for the Sky View Water District. Grant funding has been retained through the Community Development Block Grant Program and Proposition 50 totaling over \$3 million dollars in awards. The project will include the identification of a new water source and the construction of the necessary infrastructure to provide the community with clean and safe drinking water.

Community Development Block Grant Program

Completed 24 applications for the General Allocation Programs and 22 applications for the Planning Technical Assistance Program, totaling \$6 million. Applications include Housing Rehabilitation, First-Time Homebuyer with or without Rehabilitation, Community Facilities, New Housing Construction, Public Works and various planning grants as outlined above. Also completed program administration and implementation of all environmental and other overlay requirements.

HOME Investment Partnership Program

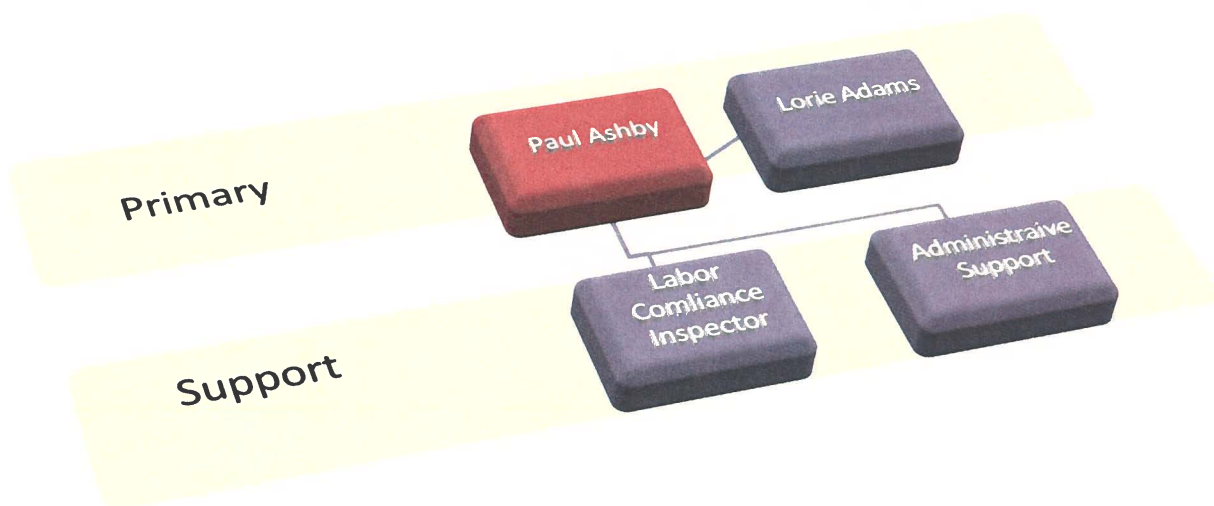
Completed 15 applications under the HOME Program, each receiving award, totaling \$6.5 million in funding. Applications included Owner-Occupied Rehabilitation, First-Time Homebuyer, Tenant-Based Rental Assistance, and Renter-Occupied Rehabilitation. Completed program administration and implementation of all program requirements including environmental and other overlay requirements as outlined in the Federal Regulations.

Safe Routes to School Program

Completed 10 applications under both the State and Federal Program, providing millions of dollars for construction for a variety of municipalities in California. Additionally, provided project management for those awarded projects, including all environmental requirements, allocation requests, authorization packages, and general oversight to ensure project timelines were met.

H. Organizational Chart

Paul Ashby will be the primary contact for the City for providing grant management services. Ms. Adams and Mr. Ashby have over 30 years of combined experience working for and with local government agencies in the administration and implementation of grant funds. Both provide an expertise of all intricacies related to grant programs and have managed and implemented these programs from application through close out with CDBG, HOME, USDA, and others. Ms. Adams and Mr. Ashby have been highly successful throughout their career in securing funding for communities across California and offer grant writing experience for over 15 state and federal agencies. Additionally, Mr. Ashby brings vast experience in the environmental processes and procedures; ensuring that all federal and state regulations are followed and met for your projects. In addition to the primary team, Chris Lockhart will provide support services related to Labor Compliance as needed and Dawn McGee will provide administrative support.



Small Business Certifications

The Adams Ashby Group has received a **Small Business Designation** from the State of California. Certification #1059345 Effective from July 22, 2009 – Present

Policy on Affirmative Action/Conflict of Interest Statement/Drug Free Workplace

Adams Ashby Group is an equal opportunity employer. Our policy is to recruit, hire, and promote based on qualifications and merit without regard to race, color, ethnicity, national origin, religion, gender, sexual orientation, disability, or marital status.

Adams Ashby Group is in compliance with Executive Order 11246.

We are Drug-Free Workplace and maintain the requirement in force that meets required state and federal overlay regulations.

DUNS Number Verification

SAM Search Results			
List of records matching your search for :			
Record Status: Active			
DUNS Number: 838572670			
ENTITY	Adams Ashby Group, Inc.	Status: Active	
DUNS: 838572670	+4:	CAGE Code: 7KTB6	DoDAAC:
Expiration Date: 11/06/2019	Has Active Exclusion?: No	Debt Subject to Offset?: No	
Address: 770 L ST STE 950		State/Province: CALIFORNIA	
City: SACRAMENTO		Country: UNITED STATES	
ZIP Code: 95814-3361			

General Insurance / Professional Insurance / Workers Compensation

Adams Ashby Group Insurance Coverage is provided by USAA Insurance Agency – Hartford Casualty Insurance Company. The policy information is as follows:

General Liability: 65 SBA NW 6130	6/01/19 – 6/01/20	Each Occurrence	\$1,000,000
Fire Damage	\$300,000		
Med Exp	\$10,000		
P & ADV	\$1,000,000		
General Agg.	\$2,000,000		
Products –Comp	\$2,000,000		
Automobile Liability: 65 SBA NW6130	06/01/19 – 6/01/20	Combined Single	\$1,000,000
Errors & Omissions Insurance: 596466820	5/19/19 -5/19/20	Single Limit	\$1,000,000
State Farm Workers Compensation Policy: 90-CL-E629-8		Each Occurrence	\$1,000,000

**CONSULTING SERVICES AGREEMENT FOR PROFESSIONAL SERVICES
TO PROVIDE GRANT ADMINISTRATION SERVICES FOR THE COMMUNITY DEVELOPMENT
BLOCK GRANT PROGRAM**

This **Consulting Services Agreement** (the "Agreement") is made and entered into as of This 3rd day of February 2020, ("Effective Date"), by and between **CITY OF LIVINGSTON**, with a place of business at 1416 C Street, Livingston, CA 95334 ("CITY"), and **ADAMS ASHBY GROUP**, with a place of business at 770 L Street, Suite 950, Sacramento, CA 95814 ("CONSULTANT").

Upon the following terms and conditions of this Agreement, the CITY desires to retain CONSULTANT to perform the following:

1. Professional Services.

CONSULTANT will provide grant administration services as authorized and required by the CITY under the terms and conditions of this Agreement as described in the attached "Scope of Services" dated January 29, 2020 from CONSULTANT (**Exhibit B**). Such services will commence on the start date and will terminate pursuant to the terms of this Agreement.

2. Invoicing and Payment.

As sole compensation for the performance of the services, the CITY will pay CONSULTANT for the tasks stated in the Scope of Services payable on a net thirty (30) days from invoice at the rates listed in Exhibit B. CONSULTANT will invoice the CITY on a monthly basis for the percent of tasks completed in performing the services. The CITY will pay each such invoice no later than thirty (30) days after its receipt. Extra Services and Reimbursable Costs are incorporated into this Agreement as provided in the Scope of Services. CONSULTANT will receive no royalty or other remuneration for the production or distribution of any products developed by the CITY or by CONSULTANT in connection with or based upon the services. CONSULTANT will not be entitled to receive any vacation or illness payments, or to participate in any plans, arrangements, or distributions by CITY pertaining to any insurance or similar benefits that CITY makes or may make available to CITY's employees.

3. Ownership of Work Product.

CONSULTANT agrees that any and all ideas, designs, drawings, notes, computer programs, algorithms, documents, information, materials, improvements and inventions made, conceived, developed, created or first reduced to practice in the performance of the services under this Agreement shall be the sole and exclusive property of the CITY (the "Work Product").

CONSULTANT further agrees that the CITY is and shall be vested with all right, title and interest in the Work Product (including any patent, copyright, trade secret or trademark rights) under this Agreement. CONSULTANT shall have a perpetual irrevocable license to use and reuse detail elements and design elements incorporated into any Work Product without compensation or payment to CITY.

4. Term

The term of this agreement will be 60 months (5 years) from the Effective Date above. Either party may terminate this Agreement upon 30-day written notice to the other party for any reason or no reason. In the event the CITY terminates this Agreement, CONSULTANT shall cease all work immediately after receiving notice from the CITY unless otherwise advised by the CITY and shall notify the CITY of all costs incurred up to such termination date.

5. Independent Contractor

CONSULTANT is an independent contractor and is not an agent or employee of, and has no authority to bind, CITY by contract or otherwise. CONSULTANT will perform the professional services under the general direction of CITY, but CONSULTANT will determine, in CONSULTANT's sole discretion, the manner and means by which such services are accomplished, subject to the requirement that CONSULTANT shall at all times comply with applicable law. CITY has no right or authority to control the manner or means by which such services are accomplished.

6. Warranty.

CONSULTANT warrants that its services hereunder will be of a professional quality conforming to generally accepted industry standards and practices.

7. Indemnification by Consultant.

CONSULTANT will indemnify CITY against liability for:

(a) any action by a third party against CITY that is based on any claim that any Services performed under this Agreement, or their results caused damages to the third party, to the extent caused by the negligence, recklessness or willful misconduct of CONSULTANT; and

(b) any action by a third party that is based on any negligent act or omission or willful conduct of CONSULTANT which results in: (i) any bodily injury, sickness, disease or death; (ii) any injury or destruction to tangible or intangible property (including computer programs and data) or any loss of use resulting there from; or (iii) any violation of any statute, ordinance, or regulation.

When the law establishes a professional standard of care for CONSULTANT's Services, to the fullest extent permitted by law, CONSULTANT shall indemnify, protect, defend and hold harmless CITY and any and all of its officials, employees and agents ("INDEMNIFIED PARTIES") from and against any and all losses, liabilities, damages, costs and expenses, including attorney's fees and costs to the extent same are caused in whole or in part by any negligent or wrongful act of CONSULTANT, its officers, agents, employees or subconsultants (or any entity or individual that CONSULTANT shall bear the legal liability thereof) in the performance of professional services under this Agreement. The CITY agrees to hold harmless and indemnify CONSULTANT from and against all claims, liabilities, losses, damages, and costs, including but not limited to attorney's fees, arising out of or in any way connected with the modification, misinterpretation, misuse or reuse by others of the Work Product provided by CONSULTANT which is the result of City's action or negligence under this Agreement. The foregoing indemnification applies, without limitation, to any use of the project documents on other projects, for additions to this project, or for completion of this project by others, excepting only such use as may be authorized, in writing, by CONSULTANT.

8. Insurance Requirement.

(a) CONSULTANT shall obtain and maintain during the performance of any services under this Agreement the following insurance coverage issued by a company satisfactory to the City Manager, unless the City Manager, Jose Antonio Ramirez, 209-394-5550, waives, in writing, the requirement that CONSULTANT obtain and maintain such insurance coverage.

- 1) Commercial general liability insurance including a contractual liability endorsement in an amount not less than \$2,000,000 combined single limit for bodily injury and property damage for each claimant for general liability, including a non-owned automobile endorsement;
- 2) Errors and omissions insurance to a minimum coverage of \$500,000, with neither consultant nor listed sub-consultants having less than \$500,000 individually;

3) Workers' compensation insurance in compliance with the laws of the State of California, including employer's liability insurance in an amount not less than \$1,000,000 per claimant.

(b) CONSULTANT shall, prior to performance of any services, file with the City Manager a certificate of insurance, on a City-approved form, certifying that the above insurance coverages shall remain in effect at all times during the term of this Agreement, or any extension thereof.

(c) CONSULTANT agrees that all insurance coverages shall be provided by a California admitted insurance carrier with an AM. Best rating of A-7 or better and shall bear endorsements providing that the policies may not be canceled or modified without thirty (30) days' prior written notice to the City Manager. CITY shall not approve or accept any endorsement if the endorsement contains "best effort" modifiers or if the insurer is relieved from the responsibility to give such notice.

(d) CONSULTANT agrees that the commercial general liability and business automobile liability insurance policies shall be endorsed to name CITY, its City Council, officers and employees as additional insured and to provide that the coverages provided to CITY shall be primary and not contributing to or in excess of any existing CITY insurance coverages.

(e) All insurance standards applicable to CONSULTANT shall also be applicable to CONSULTANT's subcontractors. CONSULTANT agrees to maintain appropriate agreements with subcontractors and to provide proper evidence of coverage upon receipt of a written request from the City Manager.

9. Nondisclosure.

CONSULTANT acknowledges that CONSULTANT will acquire information and materials from CITY and knowledge regarding, without limitation, the business, products, finances, future plans, customers, clients, employees, and consultants of CITY and that all such knowledge, information and materials acquired, the existence, terms and conditions of this Agreement, and the Work Product, are and will be the trade secrets and confidential and proprietary information of CITY (collectively, the "Confidential Information"). Confidential Information will not include, however, any information which is or becomes part of the public domain through no fault of CONSULTANT, by operation of law, or that CITY regularly gives to third parties without restriction on use or disclosure. CONSULTANT agrees to hold all such Confidential Information in strict confidence, not to disclose it to others or use it in any way, commercially or otherwise, except in performing the services, and not to allow any unauthorized person access to it, either before or after expiration or termination of this Agreement. CONSULTANT further agrees to take all action necessary to protect the confidentiality of the Confidential Information including, without limitation, implementing and enforcing operating procedures to minimize the possibility of unauthorized use or copying of the Confidential Information.

10. Governing Law.

This Agreement will be governed by and construed in accordance with the laws of the State of California excluding that body of law pertaining to conflict of laws.

11. Notice.

All notices, including notices of address changes, required to be sent hereunder shall be in writing and shall be deemed to have been given when mailed to the addresses listed below:

(a) City of Livingston, Jose Antonio Ramirez, City Manager, 1416 C Street, Livingston, CA 95334.

(b) Consultant: Adams Ashby Group, Paul Ashby, 770 L Street, Suite 950, Sacramento, CA 95814

12. Severability.

In the event any provision of this Agreement is held to be invalid or unenforceable, the remaining provisions of this Agreement will remain in full force and effect.

13. Assignment.

CONSULTANT may not assign CONSULTANT's rights or delegate CONSULTANT's duties under this Agreement without the prior written consent of the CITY. Any attempted assignment or delegation without such consent will be void.

14. Waiver.

The waiver by either party of any default or breach of this Agreement shall not constitute a waiver of any other or subsequent default or breach.

15. Equitable Remedies.

Because the services are personal and unique and because CONSULTANT will have access to Confidential Information of CITY, CITY will have the right to enforce this Agreement and any of its provisions by injunction, specific performance or other equitable relief without prejudice to any other rights and remedies that CITY may have for a breach of this Agreement.

16. Entire Agreement.

This Agreement, together with its attached exhibits, constitutes the complete agreement between the parties and supersedes all previous agreements or representations, whether written or oral, with respect to the subject matter described herein. This Agreement may not be modified or amended except in writing signed by a duly authorized representative of each party. It is expressly agreed that any terms and conditions of CONSULTANT's invoices shall be superseded by the terms and conditions of this Agreement.

In Witness Whereof, the parties hereto have executed the Consulting Services Agreement for CONSULTANT as of the date set forth in the first paragraph hereof.

CITY OF LIVINGSTON

ADAMS ASHBY GROUP

Jose Antonio Ramirez
City Manager

Paul Ashby
Principal

Approved as to Form and Content:

Jose M. Sanchez, Legal Counsel

ADDITIONAL PROVISIONS

FEDERAL TERMS AND CONDITIONS:

During the performance of the contract, the Contractor must agree to comply with all applicable Federal laws and regulations including but not limited to the following:

AFFIRMATIVE ACTION:

The work to be performed under this contract is on a project assisted under a program providing direct federal financial assistance from the United States Department of Housing and Urban Development (HUD) and subject to 24 CFR 85.36(e). The CITY hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged, minority and women's business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, religious creed, sex, or national origin in consideration for an award. Minority and women-owned and operated businesses encouraged to apply.

SECTION 3:

The work to be performed under this contract is on a project assisted under a program providing direct federal financial assistance from the HUD, Community Development Block Grant Program, and is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 USC 1701u. Section 3 requires that to the greatest extent feasible opportunities for training and employment be given to low and moderate income persons residing within the project area and that the contracts for work in connection with the project be awarded to eligible business concerns which are located in, or owned in substantial part by persons residing in the area of the project. Regulations for implementing the Section 3 clause are contained in 24 CFR 135, as amended, and as specified in the project specifications.

NON-DISCRIMINATION CLAUSE:

During the performance of this Agreement, Contractor and its subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (e.g., cancer), age (over 40), marital status, and denial of family care leave. Contractor and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Contractor and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code §12990 (a-f) et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Agreement by reference and made a part hereof as if set forth in full. Contractor and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other Agreement.

Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the Agreement.

EQUAL OPPORTUNITY:

the performance of this Contract, the Contractor agrees as follows:

During

1. The Contractor will comply with Executive Order 11246 of September 24, 1965 entitled Equal Employment Opportunity as amended by Executive Order 11375 of October 1967 as supplemented in Department of Labor regulations (41 CFR chapter 60).
2. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take

affirmative action to insure that applicants are employed and that employees are treated equally during employment, without regard to race, color, religion, sex, or national origin. Such action shall include, but not be limited to, the following: employment upgrading, demotion, transfer, recruitment, or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the City Setting forth the provisions of this nondiscrimination clause.

3. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to their race, color, religion, sex, or national origin.
4. The Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
5. The Contractor will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
6. In the event of the Contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of Sept. 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
7. The Contractor will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: *Provided, however*, that in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the contractor may request the United States to enter into such litigation to protect the interests of the United States.
8. The Contractor shall file, and shall cause each of his subcontractors to file, Compliance Reports with the contracting agency or the Secretary of Labor as may be directed. Compliance Reports shall be filed within such times and shall contain such information as to the practices, policies, programs, and employment policies, programs, and employment statistics of the contractor and each subcontractor, and shall be in such form, as the Secretary of Labor may prescribe.
9. Bidders or prospective contractors or subcontractors may be required to state whether they have participated in any previous contract subject to the provisions of this Order, or any preceding similar Executive order, and in that event to submit, on behalf of themselves and their proposed subcontractors, Compliance Reports prior to or as an initial part of their bid or negotiation of a contract.

10. Whenever the Contractor or subcontractor has a collective bargaining agreement or other Contract or understanding with a labor union or an agency referring workers or providing or supervising apprenticeship or training for such workers, the Compliance Report shall include such information as to such labor union's or agency's practices and policies affecting compliance as the Secretary of Labor may prescribe: *Provided*, That to the extent such information is within the exclusive possession of a labor union or an agency referring workers or providing or supervising apprenticeship or training and such labor union or agency shall refuse to furnish such information to the contractor, the contractor shall so certify to the Secretary of Labor as part of its Compliance Report and shall set forth what efforts he has made to obtain such information.
11. The Secretary of Labor may direct that any bidder or prospective contractor or subcontractor shall submit, as part of his Compliance Report, a statement in writing, signed by an authorized officer or agent on behalf of any labor union or any agency referring workers or providing or supervising apprenticeship or other training, with which the bidder or prospective contractor deals, with supporting information, to the effect that the signer's practices and policies do not discriminate on the grounds of race, color, religion, sex or national origin, and that the signer either will affirmatively cooperate in the implementation of the policy and provisions of this order or that it consents and agrees that recruitment, employment, and the terms and conditions of employment under the proposed contract shall be in accordance with the purposes and provisions of the order. In the event that the union or the agency shall refuse to execute such a statement, the Compliance Report shall so certify and set forth what efforts have been made to secure such a statement and such additional factual material as the Secretary of Labor may require.
12. The Contractor will cause the foregoing provisions to be inserted in all subcontracts for work covered by this Agreement so that such provisions will be binding upon each subcontractor, provided that the foregoing provisions shall not apply to contracts or subcontracts for standard commercial supplies or raw materials.

CONFLICT OF INTEREST OF MEMBERS, OFFICERS, OR EMPLOYEES OF CONTRACTORS, MEMBERS OF LOCAL GOVERNING BODY, OR OTHER PUBLIC OFFICIALS:

Pursuant to 24 CFR 570.611, no member, officer, or employee of the Grantee, or its designees or agents, no member of the governing body of the locality in which the program is situated, and no other public official of such locality or localities who exercise or have exercised any functions or responsibilities with respect to CDBG activities assisted under this part, or who are in a position to participate in a decision-making process or gain inside information with regard to such activities, may obtain a financial interest or benefit from a CDBG-assisted activity, or have a financial interest in any contract, subcontract or agreement with respect to a CDBG-assisted activity or its proceeds, either for themselves or those with whom they have business or immediate family ties, during their tenure or for one (1) year thereafter. The Grantee shall incorporate, or cause to be incorporated, in all such contracts or subcontracts a provision prohibiting such interest pursuant to the purposes of this Section.

INSURANCE:

Maintenance, if so required by law, unemployment insurance, disability insurance and liability insurance, which is reasonable to compensate any person, firm, or corporation, who may be injured or damaged by the contractor, or any subcontractor in performing the grant activity(ies) or any part of it.

DISADVANTAGED/MINORITY/WOMEN BUSINESS ENTERPRISE FEDERAL REGULATORY REQUIREMENTS UNDER 24 CFR 85.36(e):

The

Contractor will take all necessary affirmative steps to assure that minority firms, women's business enterprises, and labor surplus area firms are used when possible.

1. Affirmative steps shall include:
 - i. Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
 - ii. Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
 - iii. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority business, and women's business enterprises;
 - iv. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises;
 - v. Using the services/assistance of the Small Business Administration (SBA), and the Minority Business Development Agency (MBDA) of the Department of Commerce.

COPELAND "ANTI-KICKBACK" ACT (18 U.S.C. 874): Contractor shall comply with the Copeland "Anti-Kickback" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3).

COMPLIANCE WITH ALL FEDERAL LABOR STANDARD PROVISIONS: Contractor shall comply with all provisions contained in the form HUD-4010, Federal Labor Standards Provisions.

COMPLIANCE WITH SECTIONS 103 AND 107 OF THE CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C. 327-330):

Contractor will comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR part 5). Requires the contracting officer to insert the clauses set forth in 29 CFR part 5, Construction contracts awarded by grantees and subgrantees in excess of \$2000, and in excess of \$2500 for other contracts which involve the employment of mechanics or laborers)

REQUIREMENTS AND REGULATIONS PERTAINING TO DATA AND DESIGN:

All data and design and engineering work created under this Agreement shall be owned by the City and shall not be subject to copyright protection. The rights to any invention which is developed in the course of this Agreement shall be the property of the City.

REQUIREMENTS AND REGULATIONS PERTAINING TO REPORTING:

The City, State CDBG, HUD and the Comptroller General of the United States or any of their duly authorized representatives shall be granted access to any books, documents, papers and records of Contractor which are directly pertinent the contract.

COMPLIANCE WITH CLEAN AIR ACT AND CLEAN WATER ACT:

Contractor shall comply with all applicable standards, orders and requirements issued under Section 306 of the Clean Air Act (42 U.S.C. 1857(h)).

1. Contractor shall comply with all applicable standards, orders and requirements issued under Section 508 of the Clean Air Act (33 U.S.C. 1368).
2. Contractor shall comply with Executive Order 11738 and Environmental Protection Agency regulations (40 CFR Part 15).

COMPLIANCE WITH ENERGY POLICY AND CONSERVATION ACT (Pub. L. 94-163, 89 Stat. 871):

The Contractor shall comply with the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163,89 Stat. 871).

D/MBE/WBE IMPLEMENTATION GUIDELINES:

The following information, as applicable, shall be retained by Contractor and produced upon request by General Services if determined by General Services to be necessary to establish the bidder's "good faith efforts" to meet the Disadvantaged/Minority/Women Business Enterprise (D/M/WBE) requirements.

1. The names and dates of advertisement of each newspaper, trade paper, and minority-focus paper in which a request for D/M/WBE participation for this project was placed by the bidder.
2. The names and dates of notices of all certified D/M/WBEs solicited by direct mail for this project and the dates and methods used for following up initial solicitations to determine with certainty whether the D/M/WBEs were interested.
3. The items of work for which the bidder requested subbids or materials to be supplied by D/M/WBEs, the information furnished interested D/M/WBEs in the way of plans, specifications and requirements for the work, and any breakdown of items of work into economically feasible units to facilitate D/M/WBE participation. Where there are D/M/WBEs available for doing portions of the work normally performed by the bidder with his own forces, the bidder will be expected to make portions of such work available for D/M/WBEs to bid on.
4. The names of D/M/WBEs who submitted bids for any of the work indicated in (3) above, which were not accepted, a summary of the bidder's discussions and/or negotiations with them, the name of the subcontractor or supplier that was selected for that portion of work, and the reasons for the bidder's choice. If the reason for rejecting the D/M/WBE bid was price, give the price bid by the rejected D/M/WBE and the price bid by the selected subcontractor or supplier.
5. Assistance that the bidder has extended to D/M/WBEs identified in (4) above to remedy the deficiency in their sub-bids.
6. To find a D/M/WBE certified firm, you may call (916) 445-3520, go on-line to: <http://www.dot.ca.gov/hq/bep>, or via mail at: D/M/WBE Listing for County, CalTrans - Publications Distribution Unit, 1900 Royal Oaks, Sacramento, CA 95815-3800.

AUDIT, RETENTION AND INSPECTION OF RECORDS:

The Contractor agrees that the (City/County), the Department of Housing and Community Development, the Federal Department of Housing and Urban Development (HUD), or its designee will have the right to review, obtain, and copy all records pertaining to performance of this Agreement. The Contractor agrees to provide any relevant information requested and shall permit the (City/County), the Department of Housing and Community Development, the Federal Department of Housing and Urban Development (HUD), or its designee access to its premises, upon reasonable notice, during normal business hours for the purpose of interviewing employees and inspecting and copying such books, records, accounts, and other material that may be relevant to a matter under investigation for the purpose of determining compliance with California Public Contract Code (PCC) Section 10115 et seq., Government Code (GC) Section 8546.7 and 2 CCR 1896.60 et seq.

The Contractor further agrees to maintain such records for a period of five (5) years after final payment under this Agreement, and that on or before the end of the five (5) year audit/retention period, the Consultant shall release and deliver to the (City/County) all original records and related documentation.

**EXHIBIT B- CONSULTANT PROPOSAL
SCOPE OF WORK AND COMPENSATION**

E. Proposed Scope of Work

As outlined in the Request for Proposal, the City of Livingston is seeking multiple disciplines and Adams Ashby Group is submitting a proposal for the following:

- Preparing CDBG Applications – including new OTC Application Process
- Preparing other possible funding opportunities applications for projects
- General Administration of grant awards including public works, community/facilities, public services and planning grants
- Implementation of projects and programs related to awards for public works, community/facilities, public services and planning grants

As the City is not currently under contract with CDBG or other funding agencies, below we have provided an outline of the general scope of work necessary to implement and manage the projects as outlined. Once a contract is received, we will work with the City to determine the tasks and roles based on the project and funding source.

Administration

Once funds are secured, grantees are responsible for complying with many conditions under the grant contract. Following these requirements strictly, will ensure your projects perform efficiently and within state/federal regulations. Projects and programs that are found to be out of compliance run the risk of not being eligible to reapply for grant funds in future years or even having to return funds to the State that may have already been spent. Below is a brief summary of the major tasks we would propose to assist your team in administering your CDBG grant contract.

Conduct all required public meetings and hearings

Most granting agencies require public hearings and meetings are held throughout the term of a grant agreement. These meetings are imperative to providing outreach to the community in the process of implementing state and federal funds. Our staff will ensure all notices are provided for publishing prior to deadlines and we will be available to attend, and lead hearings based on the needs of the City. Additionally, our team provides draft Council memorandum and draft resolutions (when required) to assist in training your team on the information needed and required to maintain citizen participation requirements. Many changes have been occurring at the State level regarding public outreach and affirmative marketing of programs. Adams Ashby Group will assist you team in the development of the LEP (LIMITED ENGLISH PROFICIENCY) Requirements and implementation thereof to assure meeting HUD requirements.

Contract special conditions

Once the City has received an executed contract, staff will take the next steps in Clearing Conditions and submitting the General Conditions Clearance Process. This ensures that all special conditions are met to ensure compliance and funds are available in a timely manner. Each agency requires its own specific conditions to be met dependent on the program or project. Our team has experience in a variety of requirements, which may include but not be limited to environmental compliance, project timelines, updated cost estimates, relocation plans, program and monitoring guidelines, and more. Additionally, we will stay in close contact with your state representative to ensure strong communication is maintained throughout project/program setup. CDBG has recently published a new special conditions checklist that

states which factors the City will need to address before expending any grant funds – AAG will guide your staff through this checklist to ensure we can get approval fast and efficiently.

Program/Monitoring Guidelines

The City will be required to establish training and monitoring guidelines for the Subrecipients under the contract. We will update the current program to include the new 2 CFR Part 200 Regulations and we will work with each agency to review the updated manual and provide on-site training with each subrecipient to ensure compliance with CDBG, Federal and State regulations under the contract. Additionally, the City will be required to monitor the subrecipient during the term of the contract. The guidelines have established the process and provided the required forms and letters for implementation of this process. Adams Ashby Group will attend the monitoring and assure staff is maintaining the required records through clearance.

Procurement

The contract provided will require various types of procurement. Adams Ashby Group possesses the necessary resources to fulfill this task for the City. We are aware of the stringent procurement processes that are involved with any state and federal funds and realize the importance of obtaining competitive bids for various projects. We have experience in a variety of procurement fields and will assist with the request for proposal, solicitations, advertisements, and any other procurement issue the City may require assistance.

Program Reporting

A variety of reports are required for compliance with CDBG. The reporting timelines are established on a quarterly, semi-annual and annual basis. Our firm will send out a reminder 15 days prior to the end of the reporting period to ensure late reports do not result. Review of the reports, completing of the reports, or a shared approach will be reviewed as part of our relationship- this will ensure the training process will occur if staff is not yet ready to complete this part of the grant program process. Understanding reports is critical in ensuring a complete management process as much of the data required is collected ongoing throughout the program cycle. We will work closely with your finance department to ensure all accounting is accurate and be a check and balance for this process.

Maintain all Fiscal Records

The City has the end responsibility of ensuring records and fiscal records are maintained and accurate. Adams Ashby Group will provide staff with a records system that will allow staff to manage these records. Additionally, we will keep a complete secondary set of records to ensure information is available upon request by the funding agency. Fiscal records will be requested and audited on a quarterly basis to ensure all financial data is accurate and recorded. We will additionally provide training and capacity building as needed.

Prepare Public Information File

Each funding source requires a document/recordkeeping system with specific files and forms to be available upon monitoring. It is critical these files are set up and managed from the beginning process – application through final close out. Maintenance of this system will ensure a smooth monitoring with the State or Federal agency. Additionally, the Federal Regulations require grant programs to be a public process. This includes the establishment and maintenance of a public information binder that is available to the public during regular office

hours. Our team will work with staff to establish this binder for each program as required by the funding agency. As each program moves forward it is our goal to assist with the process and perform inspections of all required files to ensure consistency and accuracy.

Communication

With any grant program or project, it is critical to have strong coordination and clear communication between City staff and state/federal agencies. As your consultant, we will ensure that all parties involved will be clear of project logistics, tasks, responsibilities, and timelines. This high degree of coordination will allow City staff to stay abreast of all programs/projects, without devoting all of their time to such tasks.

Additionally, our team has developed strong relationships with many state and federal agencies throughout our professional careers. Having this background, will provide the City with an expertise of the intricacies of each program allowing for smoother projects and a bridge for communication should unforeseeable issues arise.

Oversee Equal Opportunity compliance

Each program requires compliance with equal opportunity laws to ensure discrimination has not occurred during the operation of a program. Adams Ashby Group will review all documents, advertising, and collect required data to adequately document compliance with the requirements.

Preparation of program records

Each funding source requires a document/recordkeeping system with specific files and forms to be available upon monitoring. It is critical these files are set up and managed from the beginning process – application through final close out. Maintenance of this system will ensure a smooth monitoring with the State or Federal agency. Additionally, the Federal Regulations require grant programs to be a public process. This includes the establishment and maintenance of a public information binder that is available to the public during regular office hours. Our team will work with staff to establish this binder for each program as required by the funding agency. As each program moves forward it is our goal to assist as necessary with the process and we will perform inspection of all required files to ensure consistency and accuracy.

Upon grant expiration, we will also meet with your staff to review the grant closeout process and what the ongoing responsibilities of the City will be even though the grant is being close out. Such programs as CDBG require efficient record keeping for many years after the grant, as well as other requirements that will ensure your projects are maintained and serviced properly. Our firm will work with your staff and your current CDBG manual to make certain that each role is identified and CDBG expectations are being satisfied.

Implementation of Projects / Public Infrastructure

The Adams Ashby Group is well versed in both Federal and State Requirements for your recently funded CDBG project to ensure that your labor compliance duties are met.

Below we have provided a general scope of work for the project:

- **General Project Tasks**
 - Review/Obtain DIR and DOL wage rates and classifications for job
 - Conduct craft matching process and provide highest wage rate for payment to contractor/City for CDBG review

- Verifying Contractor and Sub contractor Eligibility
 - Conduct Pre-construction conference meeting and provide labor compliance job handbooks;
 - Communicate and coordinate with General Contractor to obtain all certificates and authorization documents for general and subs;
 - Obtain Apprenticeship Program Certifications and Registration for General Contractor and all subs; This includes DIR and DOL Certifications and wage rates
 - Complete all required reports to CDBG;
 - Maintain project file in compliance with funding sources;
- **Payroll Reviews and Statement of Compliance**
 - Obtain and review weekly certified payrolls
 - Obtain and maintain all required reporting documents for the funding sources
 - Ensure compliance prior to payment
 - Review construction logs and compare to payrolls submitted for compliance
 - Review on-site interview data and compare to payrolls submitted
 - Verify Bona Fide Fringe Benefit plans and CAC payments
- **Reporting Documents**
 - Section 3 Reports
 - Prepare Semi Annual Labor Standards Enforcement Reports
 - Final Wage Compliance Report
- **On-site Employee Interviews**
 - Conduct on site employee interviews as needed - estimate 2-3 site visits
 - Mail interviews

Implementation of Public Services

The public services are a function of General Administration but require specific management to ensure compliance under CDBG. Ensuring all Federal and State CDBG Regulations are implemented as a pass through is critical to success of the subrecipient under CDBG. The first step is to assess the degree of experience the subrecipient has and the level of training required to effectuate compliance. Below we have outlined the tasks associated with the management of this process:

- Draft/Review subrecipient contract to ensure all required language is included
- Develop written management system plan for inclusion in contract
- Review and train City Staff on process related to management of Subrecipients
- Meet with Subrecipients to assess level of experience and training needed to execute the contracts
- Review Subrecipients financial management system and identify any concerns/issue/corrections required for compliance
- Review conflict of interest regulation and discuss any potential issues
- Schedule/execute training
- Conduct monitoring
- Review and approve payment request submittals and back-up
- Process payments
- Review and audit Quarterly Reports and data required for GPR

Cost Proposal

As the City has not formally received an award, we are providing an outline of our hourly rates and standard percentage cost based on a current CDBG process.

2020 Cost Schedule	Hourly Rate
Principal	\$125.00
Support Staff	\$75.00

CDBG	Proposed Cost	City Share
General Administration Public Works/Public Facilities Projects (including labor compliance)	3%	4.5% (7.5% allowed)
CDBG OTC Application	\$7,500 (eligible under GA of grant)	
Other Grant Applications	To Be Negotiated when Identified	

The proposed General Administration billing for open contracts with CDBG will be billed as a monthly flat billing depending on the length of the project schedule and contract, which will range anywhere from 10 to 24 months, but will not exceed the percentage maximum above. For example, on a \$3 million project, our 3% would equate to \$90,000 – we would then bill this out monthly. The monthly fee will cover all costs associated with providing the general administration and labor compliance. Should the contract be closed out early due to project completion, we would propose to bill the remaining contract amount.

The only item that is excluded is future CDBG grant applications and other applications, which will be negotiated prior to application preparation should the City seek funding for future projects. CDBG applications can range from \$4,500 to \$8,500 depending on the project type and the number of sections to be applied under, once an application is being considered a full cost estimate will be provided at that time.

STAFF REPORT

AGENDA ITEM: Appointment of 3 Parks Recreation and Arts Commissioners and 1 alternate commissioner.

MEETING DATE: March 17, 2020

PREPARED BY: Jacquelyn Benoit, Recreation Superintendent

RECOMMENDATION:

Staff recommends that the City Council appoint 3 Parks Recreation and Arts Commissioners and 1 alternate commissioners. Council's pleasure.

BACKGROUND AND DISCUSSION:

In January, Commissioner Linda Deol, Commissioner Eva Garibay, Commissioner Erik Aguilar and Alternate Commissioner Ana Alberto terms were up. In mid November 2019 notices of upcoming vacancies were put out to the community with a deadline of January 17, 2020. As of January 17th only 1 application had been received and direction was given by council to publicize the opening until mid February. A deadline was set for February 18, 2020 at 5pm and as of the deadline the department had received 5 applications. Publicity went out through social media, press release and the opening was posted on the city hall bulletin board

Five applications were received by the deadline Linda Deol, Hector Becerra, Eva Garibay, Dennis Brusenski and Eric Aguilar.

Attached are the 5 applications and the parties have been asked to be here tonight to answer any questions you may have. Appointments tonight will give the commissioner 7 members and 2 alternate members.

FISCAL IMPACT:

None.

ATTACHMENTS:

1. Applications: Linda Deol, Hector Becerra, Eva Garibay, Dennis Brusenski and Eric Aguilar
2. Resolution 2020 _____

City of Livingston

Recreation Commission



Deadline for Submission September 4, 2018 5pm

Supplemental Questionnaire

Please return to:

City of Livingston

Attn: City Clerk

1416 C Street

Livingston, CA 95334

(209)394-8041 ext 121

NAME: DENNIS BRUSENSKI

DATE: FEB 17 2020

RECEIVED
FEB 18 2020
CITY OF LIVINGSTON

Please print or type your answers to the following questions and submit them with your completed application. You may submit additional sheets, if necessary, to complete your answers.

1) Have you ever attended a recreation commission meeting? YES NO

Date attended _____

2) How did you learn about the vacancy on the Recreation Commission?

Face Book - WEB SITE -

3) Describe your involvement in community activities, volunteer and civic organizations:

Since 1996 have volunteered activities by coaching Baseball, Basketball, Football - Bicycle Safety - Red Ribbon

4) What is it about the Recreation Commission that interests you? What qualities, experience and expertise would you bring to the Recreation Commission? ACTIVE MEMBER OF THE COMMUNITY WHEN IT COMES TO KIDS AND KID PROGRAMS SEEN THE POSITIVE IMPACT ON KIDS WHEN YOU GET THEM INVOLVED IN SPORTS

5) How would you see your role as a commissioner when recommending policy and working with the council?

Spokesperson, as I have had in the past in getting Council to see the positive of sports + events the impact the children of the community.

6) What are the current issues that the Recreation Commission will face?

as with every program money is the biggest issue. Second getting members of the community to get more involved in helping with coaching/fundraisers and donations.

7) If appointed, what specific goals would you like to see the Recreation Commission achieve?

Grants/programs to help build more recreation areas.
Grants to help fund programs to get more children involved.

RECEIVED
FEB 14 2020

City of Livingston

Recreation Commission



Deadline for Submission September 4, 2018 5pm

CITY OF LIVINGSTON

Supplemental Questionnaire

Please return to:

City of Livingston

Attn: City Clerk

1416 C Street

Livingston, CA 95334

(209)394-8041 ext 121

NAME:

Eva Garibay

DATE:

2/14/20

Please print or type your answers to the following questions and submit them with your completed application. You may submit additional sheets, if necessary, to complete your answers.

1) Have you ever attended a recreation commission meeting? YES NO

Date attended Past 2 years - about every month.

2) How did you learn about the vacancy on the Recreation Commission?

Currently on the Commission

3) Describe your involvement in community activities, volunteer and civic organizations:

Recreation commission since 2018

Coach & Assistant Coach - since 2005

4) What is it about the Recreation Commission that interests you? What qualities, experience and expertise would you bring to the Recreation Commission?

I am most interested in sports & developing our youth & giving them a positive outlet. I am also very interested in events that united our community

5) How would you see your role as a commissioner when recommending policy and working with the council?

I have and will continue to do what's best for the community as a whole.

6) What are the current issues that the Recreation Commission will face?

We continue to struggle with participation, as a commission we have made progress in right direction - but it continues to be an issue. But I think spending time w/ community members could change that.

7) If appointed, what specific goals would you like to see the Recreation Commission achieve?

More community events - where our diverse cultures can come together.

A successful 100 year celebration in 2022.



Committee/Commission Application

Name	Address	Committee/Commission Applying For
Eva Garibay	1813 F St.	Recreation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Phone Number	Occupation
(209) 756-8675 Public Programs		

Please describe you background and qualifications

For the past two & half years I have served on the Recreation commission as the vice chair. I have participated in events such as Sweet Potato festival, color run, tree lighting, sports ratings, etc. Prior to serving on the commission I coached basketball, softball, soccer and baseball. I also participated in "Love Livingston", when we planted a garden behind the senior center.

City of Livingston

Recreation Commission



Deadline for Submission September 4, 2018 5pm

Supplemental Questionnaire

Please return to:

City of Livingston

Attn: City Clerk

1416 C Street

Livingston, CA 95334

(209)394-8041 ext 121

NAME: Eric Aguilar

DATE: 2/18/20

RECEIVED
FEB 18 2020

CITY OF LIVINGSTON

Please print or type your answers to the following questions and submit them with your completed application. You may submit additional sheets, if necessary, to complete your answers.

1) Have you ever attended a recreation commission meeting? YES NO

Date attended _____

2) How did you learn about the vacancy on the Recreation Commission?

Term is ending.

3) Describe your involvement in community activities, volunteer and civic organizations:

Volunteer coach (soccer, basketball and baseball.
Currently in the Parks and Recreation and Arts commission.

4) What is it about the Recreation Commission that interests you? What qualities, experience and expertise would you bring to the Recreation Commission?

What interest me about the recreation commission is supporting the community, creating opportunity fo others such as the youth and adults.

I am a current Parks and Recreation commission memeber.

I like to say that I like to listen to members of the community and share information regarding local programs and projects.

5) How would you see your role as a commissioner when recommending policy and working with the council?

A supportive individual and someone who is willing to fairly listen to others and engage in discussion about policy and working with council. Attempt to attend meetings and areas of importance to support the community.

6) What are the current issues that the Recreation Commission will face?

Some of the current issues are funding. The budget cuts have caused an impact on the recreation department. Which has affected various program (participants, parents, employees, and volunteers).

7) If appointed, what specific goals would you like to see the Recreation Commission achieve?

Friendly user website. Something that can be easier to navigate. Possibly having a translation option Making payments online. Documents more accessible. More importantly keeping the programs going for the community. Possibly adding track to the sports program for youth.



Committee/Commission Application

Name	Address	Committee/Commission Applying For
Eric Aguilar	1653 Spruce Ct	Parks and Recreation
Live Within City Limits	Phone Number	Occupation
Yes No Yes	209-620-4909	MH Clinician/Counselor
Please describe you background and qualifications		
Volunteer coach for soccer, basketball and baseball.		
Current parks and recreation commission.		
Livingston resident for 38 years.		

City of Livingston

Recreation Commission



Deadline for Submission September 4, 2018 5pm

Supplemental Questionnaire

Please return to:

City of Livingston

Attn: City Clerk

1416 C Street

Livingston, CA 95334

(209)394-8041 ext 121

NAME:

Linda Deal

DATE:

1-13-20

RECEIVED
JAN 13 2020

CITY OF LIVINGSTON

Please print or type your answers to the following questions and submit them with your completed application. You may submit additional sheets, if necessary, to complete your answers.

1) Have you ever attended a recreation commission meeting? YES NO

Date attended all of them

Current chairperson of the Recreation Committee.

2) How did you learn about the vacancy on the Recreation Commission?

Jacquie Bennett and current chairperson of the recreation & Art Committee.

3) Describe your involvement in community activities, volunteer and civic organizations:

Baseball, softball, soccer & basketball coach for 8 years
LMS School site council member, volunteer at Sweet Potato Festival & 4th of July festival for 5+ years, Color Run, Xmas parade, Casino bus Fundraiser, Raffle Fundraising

4) What is it about the Recreation Commission that interests you? What qualities, experience and expertise would you bring to the Recreation Commission?

All aspects of the Recreation Committee excites me. I have a proven positive track record of Fundraising, I am present at the meetings and events, I go above and beyond what is expected. I also know how to get things done before deadlines,

5) How would you see your role as a commissioner when recommending policy and working with the council?

I see my role ~~as~~ as highly positive and helpful working with the council, I am a team player and always available to help when needed or wanted.

6) What are the current issues that the Recreation Commission will face?

The current issues are the budget cuts pertaining to the Rec. Dept, Successful fundraisers and the "new" community center.

7) If appointed, what specific goals would you like to see the Recreation Commission achieve?

The completion of the "new" community center, completion of the sports complex, the continued sports programs, court of trees and a new dog park.



Committee/Commission Application

Name	Address	Committee/Commission Applying For
Linda Deol	1439 9th St.	Rec & Arts
Live Within City Limits	Phone Number	Occupation
<input checked="" type="radio"/> Yes <input type="radio"/> No	(209) 230-1044	social worker.

Please describe you background and qualifications

I am currently a social worker for Merced County in which I deal with community outreach programs. I enjoy giving back to my community. I am a member of LMS school site council. For the past few years, I am the chairperson for the Rec & Art committee. I have coached over 45+ teams in the last 8 years. (basketball, baseball, softball, Hoop and Soccer) I volunteer for all the sports assessments, SPF, 4th of July, street fairs, Casino bus trips, trunk or treat and Fundraisers. I love being a part of making LIVINGSTON a better community ~~and~~ day by day.

RECEIVED
JAN 29 2020

CITY OF LIVINGSTON

City of Livingston

Recreation Commission



Deadline for Submission September 4, 2018 5pm

Supplemental Questionnaire

Please return to:

City of Livingston

Attn: City Clerk

1416 C Street

Livingston, CA 95334

(209)394-8041 ext 121

NAME: HECTOR C. BECERRA

DATE: 1-29-20

Please print or type your answers to the following questions and submit them with your completed application. You may submit additional sheets, if necessary, to complete your answers.

1) Have you ever attended a recreation commission meeting? (YES) NO

Date attended 3 TO 4 YEAR AGO I WAS ON THE REC. BOARD

2) How did you learn about the vacancy on the Recreation Commission?

SOCIAL MEDIA AND WORD OF MOUTH.

3) Describe your involvement in community activities, volunteer and civic organizations:

I HAVE COACHED FOR THE LIVINGSTON REC DEPARTMENT FOR THE LAST 10 TO 15 YEARS (BASEBALL, SOFTBALL, SOCCER, BASKETBALL).
- LIVINGSTON YOUTH FOOTBALL, COACHES LMS BASEBALL / SOFTBALL.
- I've ALSO COACHED TRAVEL BASEBALL / SOFTBALL.

4) What is it about the Recreation Commission that interests you? What qualities, experience and expertise would you bring to the Recreation Commission?

- EVERYTHING I DO IS FOR THE KIDS OF LIVINGSTON
- I BRING YEARS OF EXPERIENCE, COACHING, MENTORING AND SERVING ON THE REC BOARD.

5) How would you see your role as a commissioner when recommending policy and working with the council?

my role would be positive role for
the good of all kids that want to
play sports

6) What are the current issues that the Recreation Commission will face?

The current issues are the Budget
(money) for sports programs

7) If appointed, what specific goals would you like to see the Recreation Commission achieve?

- I would like to see better facilities
for all sports

- Better training for all sports

- also try to get the sports complex
completed for the kids and to
bring in revenue for the city's
sports programs



Committee/Commission Application

Name HECTOR C. BECERRA		Address 913 misty HARBOR dr.	Committee/Commission Applying For RECREATION Commission
Live Within City Limits <input checked="" type="radio"/> Yes <input type="radio"/> No		Phone Number (209) 648-1199	Occupation Police officer

Please describe you background and qualifications

I've lived in the city of Livingston over 50 years, I work for the city as Police officer. I played sports at LHS. I coached mens fastpitch in the US Army. I've also coached for the city of Livingston (10-15 yrs) Baseball, softball, Basketball, soccer, youth football.

I've also coached for the Livingston middle school (baseball/softball) and coached travel baseball/softball. I've put 5 kids through Livingston rec sports and one little one in program now. I've also take several NATIONAL FEDERATION of state High school ACCOCIATIONS (NFHS) courses on How to coach. I've also TAKE BASEBALL/SOFTBALL hitting courses.

so if given the opportunity to serve I'll give you a 101%.

RESOLUTION NO. 2020- ____

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LIVINGSTON
APPOINTING _____, _____, _____,
_____, _____, TO THE PARKS RECREATION AND
ARTS COMMISSION**

WHEREAS, Commissioner Linda Deol, Commissioner Eva Garibay, Commissioner Erik Aguilar and Alternate Commissioner Ana Alberto terms on the Parks Recreation and Arts Commission expired January 30, 2020; and

WHEREAS, the City Council, at their January 21, 2020, meeting directed staff to extend the deadline to January 17th for another month because only 1 application had been received, the deadline was extended to February 18, 2020 at 5pm.

WHEREAS, as of the new deadline there were 5 applicants.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Livingston hereby appoint _____, _____, _____, _____, and _____ as alternate to the Parks Recreation and Arts Commission for a 4-year term expiring on January 30, 2024.

Passed and adopted this 17th day of March, 2020, by the following vote:

- AYES:
- NOES:
- ABSENT:
- ABSTAIN:

Gurpal Samra, Mayor
of the City of Livingston

ATTEST:

I, hereby certify that the foregoing resolution was regularly introduced, passed and adopted at a regular meeting of the City Council of the City of Livingston this 17th day of March, 2020.

Monica Cisneros, Deputy City Clerk
of the City of Livingston