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Page 1 of 1

Data Report

Client Name: Drain Doctor
14062 Hillwood Lane
Bow, WA 98232

Reference Number: **22-23160**
Project: Edison

Report Date: 7/26/22

Date Received: 7/13/22

Approved by: bj.crc

Authorized by:

Lawrence J Henderson, PhD
Director of Laboratories, Vice President

Sample Description: Edison School Pump Vault										Matrix WW		Sample Date: 7/13/22 11:30 am		
Lab Number: 44609		Sample Comment:								Collected By: SE				
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment		

E-10140	OIL AND GREASE	29.6	2.5	1.3	mg/L	1.0	1664	a	7/20/22	TJB	1664_220719	
E-10106	5-Day BOD Test	299	1.0		mg/L	1.0	SM5210 B	a	7/19/22	MSO	BOD_220714	

Sample Description: Cafe Septic Outlet								Matrix WW	Sample Date: 7/13/22 11:40 am			
Lab Number: 44610		Sample Comment:						Collected By: SE				
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment

E-10140	OIL AND GREASE	37.5	2.5	1.3	mg/L	1.0	1664	a	7/21/22	ADL	1664_220721	
E-10106	5-Day BOD Test	221	1.0		mg/L	1.0	SM5210 B	a	7/19/22	MSO	BOD_220714	

Sample Description: Mariposa Pump Chamber								Matrix WW	Sample Date: 7/13/22 12:05 pm			
Lab Number: 44611		Sample Comment:						Collected By: SE				
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment

E-10140	OIL AND GREASE	29.3	2.5	1.3	mg/L	1.0	1664	a	7/21/22	ADL	1664_220721	
E-10106	5-Day BOD Test	287	1.0		mg/L	1.0	SM5210 B	a	7/19/22	MSO	BOD_220714	

Sample Description: Tweets Septic Outlet								Matrix WW	Sample Date: 7/13/22 12:20 pm			
Lab Number: 44612		Sample Comment:						Collected By: SE				
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment

E-10140	OIL AND GREASE	97.5	2.5	1.3	mg/L	1.0	1664	a	7/21/22	ADL	1664_220721	
E-10106	5-Day BOD Test	392	1.0		mg/L	1.0	SM5210 B	a	7/19/22	MSO	BOD_220714	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. = Dilution Factor

If you have any questions concerning this report contact us at the above phone number.

Form: cRalt_2.rpt



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Page 1 of 1

Data Report

Client Name: The Drain Doctor
14062 Hillwood Lane
Bow, WA 98232

Reference Number: **22-23263**
Project: Edison

Report Date: 7/26/22

Date Received: 7/14/22

Approved by: bj,crc

Authorized by:

Lawrence J Henderson, PhD
Director of Laboratories, Vice President

Sample Description: Breadfarm Grease Outlet									Matrix W	Sample Date: 7/14/22 9:00 am			
Lab Number: 44811 Sample Comment:										Collected By:			
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment	

E-10140	OIL AND GREASE	720	2.5	1.3	mg/L	1.0	1664	a	7/21/22	ADL	1664_220721		
E-10106	5-Day BOD Test	1960	1.0		mg/L	1.0	SM5210 B	a	7/19/22	MSO	BOD_220714		

Sample Description: Breadfarm Septic Outlet									Matrix W	Sample Date: 7/14/22 9:00 am			
Lab Number: 44812 Sample Comment:										Collected By:			
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment	

E-10140	OIL AND GREASE	2360	2.5	1.3	mg/L	1.0	1664	a	7/21/22	ADL	1664_220721		
E-10106	5-Day BOD Test	>4255	1.0		mg/L	1.0	SM5210 B	a	7/19/22	MSO	BOD_220714		

Sample Description: Longhorn Septic Outlet									Matrix W	Sample Date: 7/14/22 9:00 am			
Lab Number: 44813 Sample Comment:										Collected By:			
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment	

E-10140	OIL AND GREASE	322	2.5	1.3	mg/L	1.0	1664	a	7/21/22	ADL	1664_220721		
E-10106	5-Day BOD Test	1600	1.0		mg/L	1.0	SM5210 B	a	7/19/22	MSO	BOD_220714		

Sample Description: Edison Inn Septic Outlet									Matrix W	Sample Date: 7/14/22 10:15 am			
Lab Number: 44814 Sample Comment:										Collected By:			
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment	

E-10140	OIL AND GREASE	198	2.5	1.3	mg/L	1.0	1664	a	7/21/22	ADL	1664_220721		
E-10106	5-Day BOD Test	653	1.0		mg/L	1.0	SM5210 B	a	7/19/22	MSO	BOD_220714		

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. = Dilution Factor

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Form: cRslt_2.rpt

METERS

Item	Location	Status	Purchase Date	In Use Date	Life Span (yr)	Rebuild Date	Model	S/N	Purchase Price	Est. Replace Cost	Date of Est.	Est. Replace Date
Disposal Pump 1	Plant	In Use	1996	1996	30		S4PX750DC	S28373		\$ 10,160.00	2021	2026
Disposal Pump 2	Plant	In Use	1996	1996	30	Aug-18	S4PX750DC	S28372		\$ 10,160.00	2021	2026
Recirc. Pump 1	Plant	In Use	1996	1996	30		S3HX300DC	S28374		\$ 6,326.67	2021	2026
Recirc. Pump 2	Plant	In Use	1996	1996	30	Aug-18	S3HX300DC	S28375		\$ 6,326.67	2021	2026
Recirc. Pump 3	Plant	In Use	1996	1996	30		S3HX300DC	S28376		\$ 6,326.67	2021	2026
Recirc. Pump 4	Plant	In Use	1996	1996	30		S3HX300DC	S28377		\$ 6,326.67	2021	2026
Pump X	Lift Station	In Use										
Pump Y	Lift Station	In Use										
Pump X Replacement	Storage	idle	2021									
Pump Y Replacement	Storage	idle	2021									

METERS

[illegible][illegible]

Tank Lift Pumps - Cycles and Run Times

[illegible]

Tank Lift Pumps - Cycles and Run Times

[illegible]

06/08/21
11/08/21
12/06/21
12/07/21
12/08/21
01/05/22
01/07/22
03/07/22
05/31/22
06/01/22
06/02/22

ESCWD

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06/08/21
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01/05/22
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Tank Lift Pumps - Cycles and Run Times

[illegible]

06/08/21
11/08/21
12/06/21
12/07/21
12/08/21
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03/07/22
05/31/22
06/01/22
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Tank Lift Pumps - Cycles and Run Times

<u>DATE</u>
06/08/21
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12/06/21
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Ken Dahlstedt



To the Edison Clean Water District Board and the Skagit County Commissioners,

It was a horrific shock in February when we received our property tax statements increases. The Longhorn rate went from \$8,151 (\$680 per month) to a whopping \$17,458 (\$1,455 per month) and the Old Edison Inn went from \$9,892 (\$825 per month), to \$15,870 (\$1,322 per month). Two similar establishments in Burlington have a sewer rate of approximately \$750 per month. In LaConner a similar establishment is approximately \$750 per month and the Bull Pen Sports Bar in Sedro-Woolley is \$142 per month. In Concrete commercial businesses pay \$123.40 per month. We compete with businesses in LaConner and Burlington which is extremely difficult when we pay nearly double the sewer rate of our competitors.

Unfortunately the current assessment process seems to be flawed, not balanced, unfair, and outcome based.

First of all, there are 57 residential hookups listed. The definition of residential is, "used as a residence or by residents". Not a manufacturing business with approximately 20 to 40 employees, an antique store, 2 or 3 bed and breakfasts, a home based art gallery, a restaurant, and a few other small businesses. Residences in Concrete pay \$123 per month and the Big Lake Sewer District residences pay \$106 per month. So in conclusion, asking the residents of Edison to pay \$70 per month is a bargain.

In the current assessment summary for 2022 there are only three small businesses in the formula. These three businesses have only a 5% increase and if they are considered a special rate class, how was that determined?

Residential rates were increased by 12%. One business owned by a Sewer Board Member, 27%. The Old Edison Inn, 60% and the Longhorn, 114%. The Edison School had a 10% increase.

Again, there are approximately 10 businesses, at least 2 (bed and breakfasts), one manufacturing company (with 20 to 40 employees) and the Edison School.

We recommend a more fair and reasonable rate structure for 2023. This is assuming that there are only 50 actual residential customers. The other 7 residential customers need to be identified as small businesses.

These are our rate structure recommendations for 2023:

		Annual
50 Private Residences @ \$70 per mo. each	\$3,500 per mo.	\$42,000.00
2 Major Businesses @ \$750 per mo. each Longhorn and Edison Inn	\$1,500 per mo.	\$18,000.00
1 Manufacturing Business @ \$560 per mo. Equivalent to 8 residences Vallee Manufacturing	\$560 per mo.	\$6,720.00
1 Medium Business @ \$500 per mo. Breadfarm	\$500 per mo.	\$6,000.00
1 Medium Restaurant @ \$300 per mo. Slough Foods	\$300 per mo.	\$3,600.00
7 Small Businesses and (Bed and Breakfasts) @ \$200 per mo.	\$1,400 per mo.	\$16,800.00
Edison School @ \$800 per mo.	\$800 per mo.	\$9,600.00
	Annual Total	\$102,720.00

(1)



Ken Dahlstedt

This is a Fair and Equitable Rate Schedule

We believe this is more reasonable approach for our community. As business owners we have supported our school and Fire Department for many years. In order to continue our support and our ability to stay in business, we ask for needed fair rate structure to be implemented for 2023.

The Sewer Board will be establishing the new 2023 assessment structure that will then go before the County Commissioners for final approval. This will occur over the next two months so time is short.

Thank you for your consideration of this critical issue.

Longhorn Saloon

Old Edison Inn

Represented by Commissioner Ken Consulting
Ken Dahlstedt

Date 08 / 11 / 22

Edison Clean Water District Assessment SUMMARY for Year 2022 Assessments

Assessment Goal = \$80,000

Annual assessment split: 20% Flow, 40% BOD and 40% FOG

Computer Replacement Annual Fee of \$50/ERU ending in 2026

* = 1 ERU minimum charge

**= school assessed 10 ERU

	Flow		BOD		FOG	
	Percentage	Dollars	Percentage	Dollars	Percentage	Dollars
Residential	79%	\$12,640	62%	\$19,840	35%	\$11,200
Commercial	21%	\$3,360	38%	\$12,160	65%	\$20,800

ERU	FLOW		BOD		FOG		Commercial Testing Fee	Computer Replacement	Prior Yr. Pumping	TOTAL 2022	Prior Year
	Percentage	Dollars	Percentage	Dollars	Percentage	Dollars					
57 Residential		\$221.75		\$348.07		\$196.49		\$50.00		\$816.32	\$730.00
Total Residential Fees		\$11,640.00		\$19,840.00		\$11,200.00		\$2,850.00		\$46,530.00	\$41,610.00
051 Café	2.40%	\$221.75 *	1.35%	\$348.07 *	0.96%	\$196.49 *					12%
292 Longhorn	29.62%	\$995.23	49.91%	\$6,069.06	38.55%	\$8,018.40	\$1,000.00	\$50.00 *	\$0.00	\$1,816.31	5%
342 Breadfarm	19.88%	\$667.97	22.03%	\$2,678.85	7.93%	\$1,649.44	\$1,000.00	\$171.00	\$1,230.00	\$17,458.69	11%
032 Tweets	1.30%	\$221.75 *	38.00%	\$348.07 *	0.10%	\$196.49 *	\$1,000.00	\$50.00 *	\$700.00	\$7,867.26	27%
033 Mariposa	3.85%	\$221.75 *	1.44%	\$348.07 *	0.72%	\$196.49 *	\$1,000.00	\$50.00 *	\$0.00	\$1,816.31	5%
344 Edison Inn	14.49%	\$486.86	20.16%	\$2,451.46	50.53%	\$10,510.24	\$1,000.00	\$172.00	\$0.00	\$1,816.31	5%
408 Edison School	28.47%	\$2,217.54 **	4.73%	\$3,480.70 **	1.22%	\$1,964.90 **	\$1,000.00	\$500.00 **	\$1,250.00	\$15,870.56	60%
Total		\$5,032.87		\$15,724.27		\$22,732.45	\$8,000.00	\$1,139.00	\$3,180.00	\$9,163.15	10%
Total All Customers		\$17,672.87		\$35,564.27		\$33,932.45	\$8,000.00	\$3,989.00	\$3,180.00	\$55,808.59	
					Total	\$87,169.59				\$102,338.59	\$79,350.13

3.



July 31, 2022

Edison WWTF Operators Report

July 7th, Erin and I collected monthly samples for analysis at Edge Analytical. The flow was 5160 gallons and the return rate was 7.9:1. The recirculating tank pH was 6.4, and effluent pH was 6.3. I inspected the site and was unable to observe any ponding on the gravel filters by sight or smell and could hear the recirculating gravel filter pumps cycle. A visual inspection of the recirculating ball appeared to be functioning correctly and the facility appears to be clean and well-kept.

July 15th, The Edge analytical report showed a Fecal count of <1.8 MPN/100ml and a 62% reduction in TSS and a 97% reduction in BOD, all found to be within the expected range.

July 27th, Erin and I cleaned the UV lamps and the recirculating ball valve and a visual inspection of both appeared to be functioning correctly. The flow was 4596 gallons and the return rate was 8.9:1, all found to be within the expected range.

Sincerely,

Don Erickson
Sewer Department Supervisor

PERSONAL SERVICES AGREEMENT

NO: _____

Gray and Osborne, Hereinafter called Contractor, and Skagit County, hereinafter called County, agrees as set forth in this Agreement, including:

(General Conditions); Exhibit A (Scope of Work); Exhibit B (Compensation); Exhibit C (Proof of Insurance); Exhibit D (Department of Treasury Contract).

copies of which are attached hereto and incorporated herein by this reference as fully as if set forth herein.

Funding for this contract is provided by The American Rescue Plan Act ("ARPA") via the United States Department of the Treasury, State and Local Fiscal Recovery Funds ("SLFRF"). Sections 602(b) and 603(b) of the Social Security Act (the Act) as added by section 9901 of the American Rescue Plan Act, Pub. L. No. 117-2 (March 11, 2021) authorize the Department of the Treasury (Treasury) to make payments to certain recipients from the Coronavirus State Fiscal Recovery Fund and the Coronavirus Local Fiscal Recovery Fund.

Award identification information:

CFDA number 21.027

FAIN number SLFRP3431

Federal Award Date June 3, 2021

Subaward information:

The total amount of funding awarded by this contract is \$28,670.00. Cumulatively, Skagit County has obligated \$28,670.00 and committed \$28,670.00 of its federal award to Contractor.

The term of and budget for this Agreement shall commence on the date signed and continue until [date] with a period of performance from [date] through [date]. Any party may terminate this Contract by giving 30 days' notice in writing either personally delivered or mailed postage-prepaid by certified mail, return receipt requested, to the party's last known address for the purposes of giving notice under this paragraph.

Expenditure Category 45

Project ID is 5604501

This is not a Research & Development award

GL expenditure codes, which shall be included on all billings 12155645014110

Contractor acknowledges and by signing this contract agrees that the Indemnification provisions set forth in Paragraphs 4 (Independent Contractor), 6 (Taxes), 12 (Defense and Indemnity Agreement), 18 (Patent/Copyright Infringement), 21 (Confidentiality), 31 (Compliance with Applicable Law and United States Department of Treasury Contract), and 32 (Additional Conditions) are totally and fully part of this contract and have been mutually negotiated by the parties.

EXHIBIT "A"

SCOPE OF WORK

SKAGIT COUNTY EDISON CLEAN WATER DISTRICT WASTEWATER CAPACITY PLAN

OBJECTIVES

This proposed scope of work and budget were developed for the preparation of a Wastewater Capacity Plan for the Edison Clean Water District in Skagit County, Washington. This Plan is required by the Washington State Department of Ecology (Ecology) to address capacity issues experienced at the Edison wastewater system, most possibly caused by excessive groundwater infiltration and stormwater inflow (I/I). This excessive I/I is most probably due to a high groundwater table as a result of high tides and the inflow of stormwater into the gravity system through leaky pipes, roof drain connections, or other drain connections. This I/I causes the influent flow to the wastewater treatment plant and effluent disposal system to exceed the hydraulic capacity of these systems. Modifications to and expansion of the wastewater treatment system will also be considered as a solution to the capacity problem. The Wastewater Capacity Plan must be submitted to Ecology by March 1, 2024. This capacity plan will not be prepared in accordance with Wastewater Facilities Plans or Comprehensive Sewer Plans guidelines.

PROPOSED SCOPE OF WORK

This proposal provides for the development of the Plan as described above. More specifically, the work will include the following.

Task 1 – Project Management, Administration, and Liaison

- Manage and control budget and schedule.
- Submit monthly project summaries to keep the County advised on schedule and budget.
- Meet with Ecology, as necessary, to obtain Plan approval.
- Conduct internal quality assurance/quality control (QA/QC).

Task 2 – Project Kickoff

As the first order of work, we will meet with County staff to identify project issues, work tasks, milestones, deliverables, schedule, and communication protocols. We will also visit the treatment plant and pump station facilities to understand any current needs or condition issues.

Task 3 – Initial Data Collection and Analysis

Collection and analysis of data is an important part of determining causes of excess I/I. We will begin the capacity plan by collecting and reviewing available data and records. This task would include preparing a list of required information to be provided by the County along with target dates to receive specific information so that County staff can prioritize their efforts. Data that we typically request includes WWTF DMRs, pump station run time data, updated sewer base map information, water use information, and sewer connection information. Prior to preparing our list, we will review the data we currently have on file and identify what data we can get from other sources, such as the Ecology databases, and only request missing data. Upon initial review of the available data, it may be apparent that additional data collection, including additional flow meter readings, pump station run time data, and sampling and analysis of WWTP influent may be desirable. It is assumed that this additional data collection will be performed by County staff or a third party hired by the County prior to data analysis.

The first step would be to correlate WWTP flows to precipitation records and tidal records. This would determine which factor (high tide or precipitation) has the most significant effect on wastewater flows. Also, correlating the duration of high flows with the timing, duration, and magnitude of high precipitation and tidal events would offer clues to determine which factor gives the most significant increase in wastewater flows.

There are many methods available to pinpoint the location of the sources and magnitudes of I/I. Some of these methods will involve the involvement of County staff or Edison WWTP operational staff. The initial level of analysis will take place with data presently readily available. This will include:

- **Flow Meter Readings and Recordings** – Flow measurements for the Edison sewer system can be obtained directly from the influent flow meter at the wastewater treatment plant. This flow meter will provide overall flow records for the entire service area. A second flow meter measures flow from the northern pressurized system before it is introduced to the force main from the pump station serving the southern gravity portion of the sewer system.

- **Pump Running Time Meter Readings and Recordings** – It is our understanding that several of the individual household septic tank effluent pumps (STEP) are equipped with running time meters. An analysis of the time each of these pumps are running will give significant clues about the amount of I/I that may originate between the household and the STEP system.

- **Review WWTP Influent Characteristics** – The sampling data for the WWTP influent will be reviewed and analyzed. The difference in concentration of wastewater constituents, such as biochemical oxygen

demand (BOD) and total suspended solids (TSS), would indicate the magnitude of excess I/I. Also, if the analysis of chloride (from seawater intrusion) or conductance is performed on the WWTP influent, the effect of high tides on wastewater flows could be estimated.

Task 4 – Definition of Alternatives

After the initial data analysis, alternatives for modifications to the wastewater collection and treatment system to provide adequate capacity to accommodate the wastewater flows from Edison will be developed. One obvious alternative will be to expand the Edison wastewater treatment and

disposal systems to provide adequate capacity for the flows presently encountered, without attempting to reduce the I/I entering the system. However, if there are obvious sources of I/I that can be controlled relatively inexpensively, an expansion of the treatment and disposal facilities may not be the most cost-effective solution. Thus, other alternatives will include a combination of removing sources of I/I and modifications to the treatment plant (if required). To be able to identify such I/I sources, additional investigations may have to be conducted including:

- **Smoke Testing** – Stormwater inflow normally enters sewer systems through roof drains and area drains. These inflow sources are normally identified through smoke testing by introducing smoke into the gravity sewer system and observing where smoke appears. Normally, smoke would exit through building vents. However, if roof drains or area drains are directly connected to the sewer system, smoke will appear at these locations. Smoke may also appear on the ground where shallow sewers may be damaged. The amount of stormwater inflow can be readily estimated by precipitation records and drainage areas.

- **Sewer Video Inspections** – Sources of groundwater infiltration can be identified by inserting a TV camera in the two 4-inch diameter gravity sewers serving the southern area of the town. If this inspection is done when there is negligible sewage flow from the household (say, between midnight and 4:00 a.m.), infiltration into the gravity sewer could be readily identified. TV inspection of gravity sewers will require access to the sewer in the form of manholes or cleanouts. The gravity sewers in Edison are only equipped with pigging ports at the upstream ends and free discharges into the pump station wet well at the downstream ends. These locations could be used for TV camera access. However, the two gravity lines are approximately 1,200 feet and 600 feet long, respectively. The reach of a TV camera in a 4-inch line is only on the order of 150 to 200 feet, limiting the usefulness of this method to the upper and lower reaches of these sewer lines. The installation of manholes or cleanouts for access at appropriate intervals would make TV inspection more beneficial.

This scope of work does not include smoke testing or sewer TV inspections. These tasks will be included in alternatives involving reduction of I/I to be defined as a result of the Initial Data Collection and Analysis.

Task 5 – Evaluation of Alternatives

Budgetary capital costs and annual costs will be developed for each alternative and the alternatives will be compared based on life cycle costs and non-monitory factors, such as environmental impacts, complexity of operation, implementation considerations, and other factors that may be defined during the course of the work. Additional data collection will be included in the cost of each alternative, if required.

Task 6 – Selection of Alternative

Based on the information developed under Task 5, Skagit County and other stakeholders will select one alternative for implementation. It is anticipated that this will take place during a work session attended by Gray & Osborne and the stakeholders. The selected alternative may include additional investigations, such as smoke testing or TV inspections of gravity sewer lines. These investigations are not a part of this scope of work and would require additional funding. This work would possibly be eligible for grants or low-interest loans (see next task).

Task 7 – Implementation Considerations

This task will include the preparation of a planning level estimate of capital and annual costs; the

development a schedule for implementation of the selected alternative; a discussion of methods of financing the proposed improvements, including applications for grants and low-interest loans; and the preparation of conceptual designs.

After all the data is collected, the data will be analyzed to establish the sources and magnitude of excess I/I and recommend methods for reduction of the I/I. Likely methods may include the implementation of policies requiring/encouraging the disconnection of roof drains and stormwater inlets from the sewer system; repair/replacement of segments of gravity sewer lines, including side sewers from individual houses; and repair/replacement of septic tanks. A part of the solution may also be an expansion of the WWTP capacity. The most cost-effective alternative will be identified and recommended for implementation. Also, an implementation schedule prioritizing recommended projects will be prepared.

Task 8 – Plan Compilation and Distribution

The information developed in the previous tasks will be documented in a draft Wastewater Capacity Plan. It is anticipated that this plan will be prepared in a Technical Memorandum format.

Task 9 – Submit to Agencies for Review

The draft Plan will be submitted to the Washington State Departments of Ecology and Health and the Skagit County Public Health Department for review and comments. The review comments will be incorporated into the final Plan, which will be submitted to the County and Ecology for approval. Three hard copies of the final Plan as well as a PDF file of the entire Plan with figures will be provided to the County.

EXHIBIT "B"

COMPENSATION

ENGINEERING SERVICES SCOPE AND ESTIMATED COST

Skagit County - Edison Clean Water District Wastewater Capacity Plan

Tasks	Principal Hours	Project Manager Hours	Project Engineer Hours	Civil Engineer Hours	AutoCAD/ GIS Tech./ Eng. Intern Hours
Task 1 – Project Management, Administration, and Liaison	2	4	4		
Task 2 – Project Kickoff		4	4		
Task 3 – Initial Data Collection and Analysis		8	8	24	
Task 4 – Definition of Alternatives		4	8		
Task 5 – Evaluation of Alternatives		4	4	16	
Task 6 – Selection of Alternative		4	4		
Task 7 – Implementation Considerations		4	8	4	8
Task 8 – Plan Compilation and Distribution		6	8	12	
Task 9 – Submit to Agencies for Review		4	4	12	4
Hour Estimate:	2	42	52	68	12
Estimated Fully Burdened Billing Rate:*	\$200	\$195	\$175	\$135	\$100
Fully Burdened Labor Cost:	\$400	\$8,190	\$9,100	\$9,180	\$1,200

Total Fully Burdened Labor Cost: \$ 28,070

Direct Non-Salary Cost:

Mileage & Expenses (mileage @ current IRS rate) \$ 300

Printing \$ 300

TOTAL ESTIMATED COST: \$ 28,670

* Actual labor cost will be based on each employee's actual rate. Estimated rates are for determining total estimated cost only. Fully burdened billing rates include direct salary cost, overhead, and profit.

Administrative costs:

Contractor may use funds for administering the program. Costs must be reasonable and allocable as outlined in 2 CFR 200.404 and 2 CFR 200.405. Contractor is permitted to charge both direct and indirect costs as administrative costs.

Direct costs are those that are identified specifically as costs of implementing the program objectives, such as programmatic staffing, materials, and supplies for the project.

Indirect costs are general overhead costs of an organization where a portion of such costs are allocable to this award such as the cost of facilities or administrative functions like a director's office.

Each category of cost should be treated consistently in like circumstances as direct or indirect, and Contractors may not charge the same administrative costs to both direct and indirect cost categories, or to other programs.

If Contractor has a current Negotiated Indirect Costs Rate Agreement (NICRA) established with a Federal cognizant agency responsible for reviewing, negotiating, and approving cost allocation plans or indirect cost proposals, then Contractor may use its current NICRA. Alternatively, if Contractor does not have a NICRA, Contractor may elect to use the de minimis rate of 10 percent of the modified total direct costs pursuant to 2 CFR 200.414(f).

If Contractor is using a NICRA, it must submit proof of NICRA to the County prior to charging any indirect.

Skagit County Clean Water District

Charges from BE School District

Original March 2022 Invoice	\$10,790.17
Original April 2022 Invoice	<u>\$ 1,286.31</u>

Total	\$12,076.48
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Revised March 2022 Invoice	\$6,144.21
Revised April 2022 Invoice	<u>\$ 878.79</u>

Total	\$7,023.00
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Net Credit Due	\$ 5,053.48
August 2022 Invoice	<u>\$(1,635.27)</u>
Credit Balance	\$3,418.21



BURLINGTON-EDISON
SCHOOL DISTRICT

RAVENHEAD MUNICIPAL SERVICES
ATTN: GREG YOUNG
5 SANWICK POINT COURT
BELLINGHAM, WA 98229

Invoice Detail

Invoice #	2021000117
Invoice Date	08/09/2022
Due Date	09/08/2022
Invoice Total	1,635.27

<u>Qty.</u>	<u>Item Description</u>	<u>Unit Price</u>	<u>Extension</u>
1.00	Please reimburse the Burlington-Edison School District for Edison Sewer Project expenditures during the 2nd quarter of 2022.	1,635.2700	1,635.27

* = Tax not computed on item.

Invoice Subtotal:	1,635.27
Tax:	0.00
Total Extension:	1,635.27

REMIT TO:

BURLINGTON-EDISON SD #100
927 E FAIRHAVEN AVE
BURLINGTON WA 98233

Invoice #	2021000117
Invoice Date	08/09/2022
Payor	RAVENHEAD MUNICIPAL SERVICES
Due Date	09/08/2022 (RAVENHEA000)

Invoice Amount:	1,635.27
Remit Amount:	<input type="text"/>

2nd quarter Sewer invoice

1 message

Shelly Hiett <shielt@be.wednet.edu>

To: "Victoria (Tori) Semro-Wegener" <vswegener@be.wednet.edu>

Mon, Aug 8, 2022 at 9:35 AM

Cc: Jeff Haddox <jhaddox@be.wednet.edu>

Hi Tori,

When you have a moment, could I get you to make out an invoice for Ravenhead for the 2nd quarter of this year. Attached is the support paperwork.

Power usage total \$602.74

1.5 hours of mowing x 13 weeks @ \$52.95/hour = \$1,032.53

Total = \$1,635.27

Thank you,

--

Shelly Hiett

Administrative Assistant

Auxiliary Services

Burlington-Edison School District

360-757-3387



SKM_C300i22080808200.pdf

121K



Shelly Hiatt <shiatt@be.wednet.edu>

Hourly Wage Rates

Teresa Donahue <tdonahue@be.wednet.edu>
To: Shelly Hiatt <shiatt@be.wednet.edu>

Wed, May 25, 2022 at 11:02 AM

Per your request please find the hourly wage rates for the following employees for 2021-2022:

Jeff Richards - \$56.94
Ryan Mackey - \$48.96 > \$52.95/ Hour

Thank you,

Teresa Donahue
Payroll/Benefits/Retirement Specialist
Burlington-Edison School District
360-757-3311 Ext. 1036
tdonahue@be.wednet.edu

[Quoted text hidden]

Edison 480V

Week Ending	Peak Demand	Peak Time	Weekly Consumption
4/3/2022 11:00:00 PM	1	4/1/2022 9:18:00 AM	31
4/10/2022 11:00:00 PM	1	4/10/2022 9:37:00 PM	31
4/17/2022 11:00:00 PM	1	4/16/2022 9:02:00 PM	33
4/24/2022 11:00:00 PM	1	4/20/2022 9:59:00 PM	30
5/1/2022 11:00:00 PM	1	5/1/2022 7:26:00 PM	29
5/8/2022 11:00:00 PM	1	5/2/2022 10:36:00 AM	31
5/15/2022 11:00:00 PM	1	5/9/2022 11:11:00 PM	29
5/22/2022 11:00:00 PM	1	5/22/2022 9:47:00 PM	29
5/29/2022 11:00:00 PM	1	5/29/2022 2:21:00 PM	28
6/5/2022 11:00:00 PM	1	6/5/2022 7:40:00 PM	30
6/12/2022 11:00:00 PM	1	6/9/2022 12:12:00 PM	33
6/19/2022 11:00:00 PM	1	6/15/2022 5:59:00 PM	31
6/26/2022 11:00:00 PM	1	6/25/2022 12:19:00 PM	30

395 = \$ 0.118 =

\$ 46.61

Edison Sewer

Week Ending	Peak Demand	Peak Time	Weekly Consumption
4/3/2022 11:00:00 PM	20	3/28/2022 12:05:00 AM	365
4/10/2022 11:00:00 PM	20	4/4/2022 1:19:00 AM	350
4/17/2022 11:00:00 PM	20	4/11/2022 12:20:00 AM	370
4/24/2022 11:00:00 PM	20	4/18/2022 1:06:00 AM	365
5/1/2022 11:00:00 PM	20	4/25/2022 1:20:00 AM	360
5/8/2022 11:00:00 PM	20	5/2/2022 12:23:00 AM	375
5/15/2022 11:00:00 PM	20	5/9/2022 12:49:00 AM	365
5/22/2022 11:00:00 PM	20	5/16/2022 12:58:00 AM	365
5/29/2022 11:00:00 PM	20	5/23/2022 1:17:00 AM	345
6/5/2022 11:00:00 PM	20	5/30/2022 1:33:00 AM	355
6/12/2022 11:00:00 PM	20	6/6/2022 2:19:00 AM	375
6/19/2022 11:00:00 PM	20	6/13/2022 2:09:00 AM	360
6/26/2022 11:00:00 PM	20	6/20/2022 1:57:00 AM	350

$$4,700 \times \$0.118 =$$

$$\$554.60$$

Edison 120 V

Week Ending	Peak Demand	Peak Time	Weekly Consumption
4/3/2022 11:00:00 PM	0	3/28/2022 12:35:00 AM	1
4/10/2022 11:00:00 PM	0	4/4/2022 12:24:00 AM	1
4/17/2022 11:00:00 PM	0	4/12/2022 5:52:00 PM	1
4/24/2022 11:00:00 PM	0	4/18/2022 12:46:00 AM	1
5/1/2022 11:00:00 PM	0	4/25/2022 12:03:00 AM	1
5/8/2022 11:00:00 PM	0	5/2/2022 12:23:00 AM	1
5/15/2022 11:00:00 PM	0	5/9/2022 12:11:00 AM	1
5/22/2022 11:00:00 PM	0	5/16/2022	1
5/29/2022 11:00:00 PM	0	5/23/2022 12:55:00 AM	1
6/5/2022 11:00:00 PM	0	5/30/2022 12:24:00 AM	1
6/12/2022 11:00:00 PM	0	6/6/2022 12:32:00 AM	1
6/19/2022 11:00:00 PM	0	6/13/2022 12:26:00 AM	1
6/26/2022 11:00:00 PM	0	6/20/2022 12:25:00 AM	1

$$\overline{13} \times 0.118 =$$
$$\$ 1.53$$

Edison Clean Water District Assessment Allocation Between FLOW, BOD, and FOG 2012 Assessments

2012 Assessment goal = \$65,000.00
Assessment split 20% FLOW, 40% BOD, and 40% FOG

	Flow	BOD	FOG
Revenue Goal	\$13,000	\$26,000	\$26,000

	Contribution %	Contribution %	Contribution %
Residential	70%	47.57%	46.33%
Commercial	30%	52.43%	53.67%

Customer Classification
59 Residential Sites
2010 Fee \$577.50

	FLOW	BOD	FOG	2012 SUBTOTAL	FOG TESTING	2012 TOTAL
Residential Total	\$145.42 ea	\$223.56 ea	\$229.24 ea	\$598.22 ea.	N/A	\$35,294.98
	\$8,579.78	\$13,190.04	\$13,525.16	\$35,294.98		

7 Commercial Sites

Café	\$3,183.42	4.00%	\$176.81	5.77%	\$739.13	3.91%	\$487.77	\$1,403.71	\$1,000	\$2,403.71
Longhorn	\$10,124.04	16.69%	\$737.73	34.27%	\$4,389.97	40.26%	\$5,022.37	\$10,150.08	\$1,000	\$11,150.08
Breadfarm	\$4,690.02	15.38%	\$679.83	17.32%	\$2,218.69	4.92%	\$613.76	\$3,512.28	\$1,000	\$4,512.28
Tweets *	\$1,398.34	4.00%	\$176.81	1.10%	\$223.56	1.50%	\$229.24	\$629.61	\$1,000	\$1,629.61
Bakery	\$1,508.66	8.18%	\$361.57	9.43%	\$1,207.98	8.43%	\$1,051.63	\$2,621.18	\$1,000	\$3,621.18
Inn	\$10,782.15	20.33%	\$898.63	28.54%	\$3,655.96	35.57%	\$4,437.30	\$8,991.89	\$1,000	\$9,991.89
School **	\$6,782.20	31.42%	\$1,454.20	3.57%	\$2,235.60	5.40%	\$2,292.40	\$5,982.20	\$1,000	\$6,982.20
Commercial Total	\$4,420.22				\$12,809.96		\$12,474.84	\$33,290.95		\$40,290.95
TOTAL	\$13,000.00				\$26,000.00		\$26,000.00	\$68,585.93		\$75,585.93

Assessed the greater of actual percentage share or 1 ERU fee

Method assessed the greater of their percentage share or 10 ERU fee

GRAND TOTAL

\$75,585.93

Edison Clean Water District Assessment Allocation Between FLOW, BOD, and FOG 2013 Assessments

2013 Assessment goal = \$70,000.00

Assessment split 20% FLOW, 40% BOD, and 40% FOG

	Flow	BOD	FOG
Revenue Goal	\$13,000	\$28,500	\$28,500

	Contribution %	Contribution %	Contribution %
Residential	72%	44.30%	53.54%
Commercial	28%	55.70%	46.46%

Customer Classification	2012 Fee	FLOW	BOD	FOG	2013 SUBTOTAL	TESTING & PUMPING	2013 TOTAL
59 Residential Sites	\$577.50	\$158.64	\$213.99	\$258.63	\$631.26	N/A	\$37,244.34
		Residential Total	\$12,625.50	\$15,258.90	\$37,244.40		

7 Commercial Sites							
Café	\$2,403.71	4.33%	\$157.61	5.26%	\$835.00	5.59%	\$1,732.79
Longhorn	\$11,150.08	15.62%	\$568.57	36.17%	\$5,741.81	28.47%	\$10,080.12
Breadfarm	\$4,512.28	19.45%	\$707.98	15.39%	\$2,443.09	7.50%	\$4,144.15
Tweets *	\$1,629.61	4.33%	\$158.64	0.40%	\$213.99	0.72%	\$601.87
Bakery	\$3,621.18	4.61%	\$167.80	4.44%	\$704.83	5.01%	\$1,536.01
Inn	\$9,991.89	20.20%	\$735.28	29.94%	\$4,752.83	44.98%	\$11,443.95
School **	\$6,982.20	31.46%	\$1,586.40	8.40%	\$2,139.90	7.72%	\$6,018.70
	Commercial Goal		\$3,640.00		\$15,874.50		\$32,755.60
	Commercial Total		\$4,082.28		\$16,831.43		\$35,557.59
							\$84,801.93

* = assessed the greater of actual percentage share or 1 ERU fee
 ** = School is assessed the greater of their percentage share or 10 ERU fee

NOTE: Breadfarm is assessed \$2,000 for FOG due to need to test two tanks
 NOTE: For 2013 Longhorn and Café are assessed \$2,000 for tank pumping

Edison Clean Water District

Assessment Allocation Between FLOW, BOD, and FOG

2014 Assessments

2014 Assessment goal = \$70,000.00

Assessment split 20% FLOW, 40% BOD, and 40% FOG

	Flow	BOD	FOG
Revenue Goal	\$13,000	\$28,500	\$28,500

	Contribution %	Contribution %	Contribution %
Residential	76%	51.00%	46.00%
Commercial	24%	49.00%	54.00%

Customer Classification	2013 Fee	2014 TESTING & FOG			
		FLOW	BOD	FOG	TOTAL
59 Residential Sites	\$631.26	\$167.46	\$246.36	\$222.20	\$636.02
					N/A
Residential Total		\$9,880.00	\$14,535.00	\$13,110.00	\$37,525.00
7 Commercial Sites					
Café	\$4,732.79	\$135.10	\$885.80	\$715.01	\$1,735.90
Longhorn	\$13,080.12	\$446.16	\$4,746.48	\$1,254.06	\$6,446.69
Breadfarm	\$6,144.15	\$652.70	\$2,057.34	\$917.50	\$3,627.54
Tweets *	\$1,601.87	\$158.64	\$246.36	\$229.24	\$634.24
Bakery	\$2,536.01	\$138.22	\$384.16	\$354.71	\$877.09
Inn	\$12,443.95	\$677.35	\$4,148.01	\$7,377.71	\$12,203.07
School **	\$7,018.70	\$1,674.60	\$2,463.60	\$2,222.00	\$6,360.20
Commercial Goal		\$3,120.00	\$15,874.50	\$13,965.00	\$32,959.50
Commercial Total		\$3,882.77	\$14,931.74	\$13,070.23	\$31,884.73
					\$81,409.91
					\$43,884.73

* = assessed the greater of actual percentage share or 1 ERU fee

** = School is assessed the greater of their percentage share or 10 ERU fee

NOTE: Breadfarm is assessed \$2,000 for FOG due to need to test two tanks

NOTE: For 2013 Longhorn and Café are assessed \$2,000 for tank pumping

Edison Clean Water District Assessment Allocation Between FLOW, BOD, and FOG 2015 Assessments

2015 Assessment goal = \$70,000.00
Assessment split 20% FLOW, 40% BOD, and 40% FOG

	Revenue Goal	Flow	BOD	FOG
		\$13,000	\$28,500	\$28,500

	Residential	Commercial
Contribution %	71%	29%
Contribution %	48%	52%
Contribution %	55%	45%

Customer Classification	2014 Fee	Flow	BOD	FOG	2015 SUBTOTAL	TESTING & PUMPING	2015 TOTAL
59 Residential Sites	\$631.26	\$167.46	\$246.36	\$222.20	\$636.02	N/A	\$37,525.18
7 Commercial Sites		Residential Total	\$14,535.00	\$13,110.00	\$37,525.00		
Café*	\$4,735.90	2.49%	\$167.46	\$585.77	\$502.74	\$1,255.97	\$1,000 \$2,255.97
Longhorn	\$9,446.69	18.51%	\$577.51	\$5,135.40	\$5,580.41	\$11,293.33	\$1,000 \$12,293.33
Breadfarm	\$5,627.54	17.11%	\$533.83	\$2,763.75	\$1,456.55	\$4,754.13	\$2,000 \$6,754.13
Tweets *	\$1,634.24	1.07%	\$167.46	\$246.36	\$229.24	\$643.06	\$1,000 \$1,643.06
Mariposa *	\$1,877.09	3.61%	\$167.46	\$247.64	\$222.20	\$637.30	\$1,000 \$1,637.30
Inn	\$13,203.07	20.79%	\$648.65	\$3,571.76	\$3,686.76	\$7,907.17	\$1,000 \$8,907.17
School **	\$7,360.20	36.43%	\$1,674.60	\$2,463.60	\$2,222.00	\$6,360.20	\$1,000 \$7,360.20
2014 Total	\$43,884.73		\$3,120.00	\$15,874.50	\$13,965.00	\$32,959.50	\$40,851.16
Commercial Goal			\$3,936.97	\$15,014.28	\$13,899.90	\$32,851.16	\$78,376.34
Commercial Total							

* = assessed the greater of actual percentage share or 1 ERU fee
** = School is assessed the greater of their percentage share or 10 ERU fee

NOTE: Breadfarm is assessed \$2,000 for FOG due to need to test two tanks

4

Computer Replacement Charge: Beginning in 2016, \$45K over 10 years to be recouped to replenish 2015 computer replacement cost. Per ERU charge to be \$50.00

APC = 38492

2016	
<u>TOTAL</u>	
\$769.83	
\$45,420.00	

\$12,820.59
\$8,246.64
\$47,387.10

\$92,807.10

* = assessed the greater of actual percentage share or 1 ERU fee
** = School is assessed the greater of their percentage share or 10 ERU fee

Computer Replacement Charge: Beginning in 2016, \$45K over 10 years to be recouped to replenish 2015 computer replacement cost. Per ERU charge to be \$50.00

Assessment split 20% FLOW, 40% BOD, and 40% FOG

7 Commercial Sites		Flow Percentage		BOD Percentage		FOG Percentage	
Café	\$1,859.64	3.13%	\$158.64 *	\$502.27	3.68%	\$376.78 *	\$1,037.69
Longhorn	\$13,225.66	15.31%	\$557.28	\$3,421.72	23.45%	\$2,422.68	\$6,401.68
Bread&rum	\$7,707.94	18.09%	\$658.48	\$3,702.88	27.13%	\$1,866.86	\$6,228.21
Twecets	\$1,763.31	1.37%	\$158.64 *	\$251.72 *	0.34%	\$307.94 *	\$718.31
Mariposa	\$1,763.32	2.78%	\$158.64 *	\$251.72 *	0.59%	\$307.94 *	\$718.31
Inn	\$12,820.59	20.62%	\$750.57	\$3,600.51	1.20%	\$3,616.97	\$7,968.05
School **	\$8,246.64	38.70%	\$1,586.44	\$2,560.20	35.01%	\$3,616.97	\$1,000
					18.03%	\$3,079.45	\$7,226.09
	Commercial Goal		\$3,640.00	\$13,648.65		\$10,331.25	\$27,619.90
	Commercial Total		\$4,028.70	\$14,291.02		\$11,978.62	\$30,298.34
							Commercial Subtotal
							\$41,203.34

NOTE: Bradfarm is assessed \$2,000 for FOG due to need to test two tanks

All Customer Total \$86,533.44

Edison Clean Water District Assessment Allocation Between FLOW, BOD, and FOG 2018 Assessments

Computer Replacement Charge: Beginning in 2016, \$45K over 10 years to be recouped to replenish 2015 computer replacement cost. Per ERU charge to be \$50.00

2018 Assessment goal = \$70,000.00
Assessment split 20% FLOW, 40% BOD, and 40% FOG

	Flow	BOD	FOG
All Customer Revenue Goal	\$13,000	\$28,500	\$28,500

	Contribution %	Contribution \$	Contribution %	Contribution \$	Contribution %	Contribution \$
Residential	71.00%	\$9,230.00	45.53%	\$12,976.05	57.93%	\$16,510.1
Commercial	29.00%	\$3,770.00	54.47%	\$15,523.95	42.07%	\$11,990.0
		\$13,000.00		\$28,500.00		\$28,500.00

	Flow	BOD	FOG	2018 SUBTOTAL	FOG & BOD TESTING	Computer Replacement Charge	Prior Year Pumping	2018 TOTAL
Customer Classification								
2017 Fee								
59 Residential Sites	\$156.44	\$219.93	\$279.83	\$656.21	N/A	\$50.00	N/A	\$706.21
Total	\$9,230.00	\$12,976.05	\$16,510.05	\$41,666.10		\$2,950.00		\$41,666.10

	Flow Percentage	BOD Percentage	FOG Percentage
Café	2.69%	2.43%	2.89%
Longhorn	26.73%	45.66%	36.98%
Breadfarm	15.88%	13.54%	20.63%
Tweets	1.20%	0.34%	0.44%
Mariposa Inn	4.48%	1.48%	2.91%
School **	18.01%	21.71%	23.90%
	31.01%	14.83%	12.26%
Commercial Goal			
Commercial Total			

\$2,637.69	\$158.64 *	\$377.23	\$376.78 *	\$912.65	\$1,000	\$50	\$181	\$2,143.65
\$8,123.18	\$1,007.72	\$7,091.34	\$4,433.88	\$12,532.94	\$1,000	\$324	\$560	\$14,416.94
\$8,430.71	\$598.68	\$2,101.94	\$2,473.53	\$5,174.15	\$2,000	\$193	\$181	\$7,547.65
\$1,768.31	\$156.44 *	\$219.93 *	\$279.83 *	\$656.21	\$1,000	\$50	\$385	\$2,091.21
\$1,768.31	\$156.44 *	\$219.93 *	\$279.83 *	\$656.21	\$1,000	\$50	\$181	\$1,887.21
\$9,749.05	\$678.98	\$3,370.25	\$2,865.60	\$6,914.82	\$1,000	\$219	\$741	\$8,874.32
\$8,726.09	\$1,564.41	\$2,560.20	\$2,798.31	\$6,922.92	\$1,000	\$500	\$0	\$8,422.92
\$41,203.34	\$3,770.00	\$15,523.95	\$11,989.95	\$31,283.90				
Commercial Goal								
Commercial Total								

\$4,321.30	\$15,940.83	\$13,507.76	\$33,769.90	Commercial Subtotal	\$45,383.90
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Edison Clean Water District Assessment Allocation Between FLOW, BOD, and FOG 2019 Assessments

Computer Replacement Charge: Beginning in 2016, \$45K over 10 years to be recouped to replace 2015 computer replacement cost. Per ERU charge to be \$50.00

2019 Minimum Assessment Goal = \$70,000.00
Assessment split 20% FLOW, 40% BOD, and 40% FOG

All Customer Revenue Goal		Flow	BOD		FOG					
\$13,000			\$28,500		\$28,500					
	Contribution %	Contribution \$	Contribution %	Contribution \$	Contribution %	Contribution \$				
Residential	68.00%	\$8,840.00	47.63%	\$13,335.15	53.93%	\$15,797.6				
Commercial	32.00%	\$4,160.00	52.37%	\$15,164.85	46.07%	\$12,702.5				
		\$13,000.00		\$28,500.00		\$28,500.00				
							(See NOTE)			

Customer Classification	2018 Fee	FLOW	BOD	FOG	2019 SUBTOTAL	FOG & BOD TESTING	Computer Replacement Charge	Prior Year Pumping	2019 TOTAL
59 Residential Sites	\$706.21	\$149.83	\$226.02	\$267.76	\$643.61	N/A	\$50.00	N/A	\$693.61
	Total	\$8,840.00	\$13,335.15	\$15,797.55	\$40,922.70		\$2,950.00		\$40,922.70

7 Commercial Sites	Flow Percentage	BOD Percentage	FOG Percentage								
Cafe	2.38%	\$149.83 *	2.11%	\$319.98	2.89%	\$267.76 *	\$737.56	\$1,000	\$50	\$0	\$1,787.56
Longhorn	11.95%	\$497.12	24.80%	\$3,760.88	23.95%	\$3,042.24	\$7,300.24	\$1,000	\$324	\$1,688	\$10,311.74
Breadfarm	\$7,547.65	\$589.89	18.00%	\$2,729.67	12.77%	\$1,622.10	\$4,941.66	\$2,000	\$193	\$523	\$7,656.66
Tweets	\$2,091.21	\$149.83 *	27.00%	\$226.02 *	0.34%	\$267.76 *	\$643.61	\$1,000	\$50	\$0	\$1,693.61
Mariposa	\$1,887.21	\$149.83 *	1.60%	\$226.02 *	1.80%	\$267.76 *	\$643.61	\$1,000	\$50	\$0	\$1,693.61
Inn	\$8,874.32	\$567.42	29.58%	\$4,485.76	38.23%	\$4,856.15	\$9,909.33	\$1,000	\$219	\$595	\$11,722.83
School **	\$8,422.92	\$1,498.31	23.65%	\$2,560.20	20.03%	\$2,677.55	\$6,736.06	\$1,000	\$500	\$0	\$8,236.06
	Commercial Goal	\$4,160.00		\$15,164.85		\$12,702.45	\$32,027.30				
	Commercial Total	\$3,602.23		\$14,308.54		\$13,001.30	\$30,912.07				
							Commercial Subtotal				\$43,102.07

* = assessed the greater of actual percentage share or 1 ERU fee

** = School is assessed the greater of their percentage share or 10 ERU fee

NOTE: Breadfarm is assessed \$2,000 for FOG due to need to test two tanks

Edison Clean Water District Assessment SUMMARY for Year 2020 Assessments

2020 Assessment Goal = \$80,000

Annual assessment split 20% Flow, 40% BOD and 40% FOG
Computer Replacement Annual Fee of \$50/ERU ending in 2026

* = 1 ERU minimum charge
**= school assessed 10 ERU

	Flow		BOD		FOG	
	Percentage	Dollars	Percentage	Dollars	Percentage	Dollars
Residential	72%	\$9,360	48%	\$13,680	36%	\$10,260
Commercial	28%	\$3,640	52%	\$14,820	64%	\$18,240

	FLOW	BOD
	Charge	Charge
57 Residential	\$164.21	\$240.00
Total Residential Fees	\$9,360.00	\$13,680.00

	FOG	Commercial Testing Fee	Computer Replacement
	Charge		
57 Residential	\$180.00		\$50.00
Total Residential Fees	\$10,260.00		\$2,850.00

ERU	Percentage	Dollars	Percentage	Dollars	Percentage	Dollars	Percentage	Dollars	Commercial Testing Fee	Computer Replacement	Prior Yr. Pumping	TOTAL 2020	TOTAL 2019
0.68 Café	3.08%	\$164.21 *	1.98%	\$293.44	2.03%	\$370.27		\$1,000.00		\$50.00 *	\$0.00	\$1,877.92	\$1,776.95
3.30 Longhorn	14.89%	\$542.00	28.06%	\$4,158.49	26.43%	\$4,820.83		\$1,000.00		\$165.00	\$1,795.00	\$12,481.32	\$10,378.17
4.01 Breadfarm	18.10%	\$658.84	17.78%	\$2,635.00	6.66%	\$1,214.78		\$2,000.00		\$200.50	\$605.00	\$7,314.12	\$7,374.86
0.23 Tweets	1.04%	\$164.21 *	0.26%	\$240.00 *	0.37%	\$180.00 *		\$1,000.00		\$50.00 *	\$1,000.00	\$2,634.21	\$1,693.61
1.47 Mariposa	6.66%	\$242.42	2.19%	\$324.56	2.28%	\$415.87		\$1,000.00		\$73.50	\$0.00	\$2,056.35	\$1,693.61
3.84 Edison Inn	17.33%	\$630.81	34.58%	\$5,124.76	54.56%	\$9,951.74		\$1,000.00		\$192.00	\$1,200.00	\$18,099.31	\$11,878.05
8.61 Edison School	8.61%	\$1,642.11 **	15.15%	\$2,245.23	7.68%	\$1,800.00 **		\$1,000.00		\$500.00 **	\$795.00	\$7,982.34	\$8,236.06
Total		\$4,044.60		\$15,021.47		\$18,753.50		\$8,000.00		\$1,231.00	\$5,395.00	\$32,445.57	\$43,031.31
Total All Customers		\$13,404.60		\$28,701.47		\$29,013.50		\$8,000.00		\$4,081.00	\$5,395.00	\$88,595.57	\$83,954.01

Assessments with School
Include with Commercial
sites

4.6 for \$37.11

Edison Clean Water District Assessment SUMMARY for Year 2021 Assessments

Assessment Goal = \$80,000

Annual assessment split 20% Flow, 40% BOD and 40% FOG
Computer Replacement Annual Fee of \$50/ERU ending in 2026

* = 1 ERU minimum charge
**= school assessed 10 ERU

	Flow		BOD		FOG	
	Percentage	Dollars	Percentage	Dollars	Percentage	Dollars
Residential	79%	\$12,640	59%	\$18,880	63%	\$20,160
Commercial	21%	\$3,360	41%	\$13,120	37%	\$11,840

	FLOW		BOD		FOG	
	Charge		Charge		Charge	
57 Residential	\$221.75		\$331.23		\$353.68	
Total Residential Fees	\$12,640.00		\$18,880.00		\$20,160.00	

ERU	Percentage	Dollars	Percentage	Dollars	Percentage	Dollars	Commercial Testing Fee	Computer Replacement	Prior Yr. Pumping	TOTAL 2021	Prior Year
0.51 Café	3.29%	\$221.75 *	1.08%	\$331.23 *	1.78%	\$353.68 *	\$1,000.00	\$50.00 *	\$0.00	\$1,956.66	\$1,877.92
2.92 Longhorn	18.81%	\$632.02	43.28%	\$5,678.34	18.78%	\$2,223.55	\$1,000.00	\$146.00	\$1,815.00	\$11,494.90	\$12,481.32
3.42 Breadfarm	22.05%	\$740.88	23.58%	\$3,093.70	12.83%	\$1,519.07	\$2,000.00	\$171.00	\$0.00	\$7,524.65	\$7,314.12
0.32 Tweets	2.05%	\$221.75 *	0.36%	\$331.23 *	1.11%	\$353.68 *	\$1,000.00	\$50.00 *	\$0.00	\$1,956.66	\$2,056.35
0.83 Mariposa	5.35%	\$221.75 *	1.56%	\$331.23 *	2.32%	\$353.68 *	\$1,000.00	\$50.00 *	\$0.00	\$1,956.66	\$2,056.35
3.44 Edison Inn	22.15%	\$744.24	27.08%	\$3,552.90	61.91%	\$7,330.14	\$1,000.00	\$172.00	\$0.00	\$12,799.28	\$18,099.31
4.08 Edison School	26.30%	\$2,217.54 **	3.07%	\$3,312.28 **	1.80%	\$3,536.84 **	\$1,000.00	\$500.00 **	\$0.00	\$10,566.67	\$7,982.34
Total		\$4,999.94		\$16,630.89		\$15,670.65	\$8,000.00	\$1,139.00	\$1,815.00	\$48,255.48	\$52,445.57
Total All Customers		\$17,639.94		\$35,510.89		\$35,830.65	\$8,000.00	\$3,989.00	\$1,815.00	\$102,785.48	\$88,595.57
Total						\$88,981.48					

Edison Clean Water District Assessment SUMMARY for Year 2022 Assessments

Assessment Goal = \$80,000

Annual assessment split 20% Flow, 40% BOD and 40% FOG
Computer Replacement Annual Fee of \$50/ERU ending in 2026

* = 1 ERU minimum charge
**= school assessed 10 ERU

	Flow		BOD		FOG	
	Percentage	Dollars	Percentage	Dollars	Percentage	Dollars
Residential	79%	\$12,640	62%	\$19,840	35%	\$11,200
Commercial	21%	\$3,360	38%	\$12,160	65%	\$20,800

57 Residential	FLOW		BOD		FOG	
	Change		Charge		Charge	
Total Residential Fees	\$221.75		\$348.07		\$196.49	
	\$12,640.00		\$19,840.00		\$11,200.00	

Commercial	until 2026		Prior Yr.	TOTAL
	Testing Fee	Computer Replacement		
		\$50.00	Pumping	2022
		\$2,850.00		\$816.32
				\$46,530.00

Prior Year	
\$730.00	\$41,610.00

ERU	Percentage	Dollars	Percentage	Dollars	Percentage	Dollars	Commercial	Computer	Prior Yr.	TOTAL
							Testing Fee	Replacement	Pumping	2022
051 Café	2.40%	\$221.75	1.35%	\$348.07	0.96%	\$196.49	\$1,000.00	\$50.00	\$0.00	\$1,816.31
292 Longhorn	29.62%	\$995.23	49.91%	\$6,069.06	38.55%	\$8,018.40	\$1,000.00	\$146.00	\$1,230.00	\$17,458.69
342 Breadfarm	19.88%	\$667.97	22.03%	\$2,678.85	7.93%	\$1,649.44	\$2,000.00	\$171.00	\$700.00	\$7,867.26
032 Tweets	1.30%	\$221.75	38.00%	\$348.07	0.10%	\$196.49	\$1,000.00	\$50.00	\$0.00	\$1,816.31
083 Mariposa	3.85%	\$221.75	1.44%	\$348.07	0.72%	\$196.49	\$1,000.00	\$50.00	\$0.00	\$1,816.31
344 Edison Inn	14.49%	\$486.86	20.16%	\$2,451.46	50.53%	\$10,510.24	\$1,000.00	\$172.00	\$1,250.00	\$15,870.56
408 Edison School	28.47%	\$2,217.54	4.73%	\$3,480.70	1.22%	\$1,964.90	\$1,000.00	\$500.00	\$0.00	\$9,163.15
Total		\$5,032.87		\$15,724.27		\$22,732.45	\$8,000.00	\$1,139.00	\$3,180.00	\$55,808.59
Total All Customers		\$17,672.87		\$35,564.27		\$33,932.45	\$8,000.00	\$3,989.00	\$3,180.00	\$102,338.59
										\$79,330.13

Total \$87,169.59

\$79,330.13