# Meeting Agenda – September 28, 2022

# REGULAR BOARD MEETING Held at Burlington Edison Elementary School

- 1. Call to Order
- 2. Opening Public Comment
- 3. Consent Agenda:
  - A. Prior Meeting Minutes
  - B. Fund 150 Invoices
- 4. Communications:
  - A. School and Lift Station Readings from the Drain Doctor
  - B. Individual Residential Tank Readings for September 9, 2022
  - C. Email between Scott Mangold and Erin Langley regarding Commercial Site Testing Results
- 5. Old Business
  - A. Monthly Operator Report
  - B. Monthly Maintenance Contractor Report
- 6. New Business
  - A. Preliminary 2023 Assessment Worksheets
- 7. Other Business
- 8. Closing Public Comment
- 9. Adjourn

# **Edison Clean Water District**

## **Meeting Minutes**

Meeting of August 24, 2022

<u>Call to Order:</u> The meeting was called to order at 5:00 PM with the following board members present: Jeff Haddox, Scott Mangold, Tom Skinner Bernie Alonzo, and Darryl Kvistad. Also present were Betsy Stevenson and Erin Langley from the County, Greg Young from Ravenhead Municipal Services, and operator Don Erickson.

Also in attendance was Mr. Ken Dahlstedt.

## Opening Public Comment: None

<u>Consent Agenda</u>: The minutes from the Board's July 20<sup>th</sup> regular meeting minutes and the below detailed vouchers were approved following a motion by Mr. Mangold and seconded by Mr. Haddox:

8/22/22-1	Drain Doctor	\$ 9,870.18
8/22/22-2	Ravenhead Municipal	\$ 900.00
8/22/22-3	City of Burlington	\$ 523.88
8/22/22-4	Edge Analytical	\$ 460.00
8/22/22-5	Coast Controls	\$ 432.80
8/22/22-6	Department of Ecology	\$ 166.32

<u>Communications:</u> Mr. Young covered the communications for tonight's meeting by noting that it includes the commercial tank and grease trap levels, lift station readings and individual residential tank inspections results from the Drain Doctor, the commercial site FOG/BOD testing results from Edge Analytical, the updated pump cycle and run time spreadsheet from Mr. Mangold, and a copy of a letter from Mr. Dahlstedt related to concerns over the assessment methodology for commercial sites in Edison.

Old Business: Operator Erickson reported on the operations of the plant by noting that the last month everything ran well. He also mentioned that per Coast Controls, the flow meter cannot be calibrated precisely but since this particular flow meter is for internal processing purposes only and does not affect our Permit, he is not recommending that we replace it.

Mr. Erickson also reported that the kick-off meeting with Gray and Osborne for our Capacity Study is scheduled and they should begin their work soon.

<u>New Business:</u> - Ms. Stevenson noted that a resolution is being prepared for the County Commissioners to reappoint the Edison Board members for another term given everyone's willingness to continue to serve. Mr. Haddox did inform the Board that he is planning to retire next May or June and he will work with his replacement to familiarize him with the Edison system.

Edison Clean Water District Meeting Minutes Meeting of August 24, 2022 Page 2

Other Business: Mr. Mangold brought to the attention of the Board the very high recent testing results for the Breadfarm and the need to review the testing results for unusual results. The Board discussed the possibility of retesting if results are out of the expected range, what would trigger a retest, and who would be responsible for the retesting fees. It was also suggested that the testing results be sent to the individual commercial site owners or possibly posted on the County website.

Mr. Young added that he had prepared a 10-year history of annual assessment which are included in the packet. He noted that the assessment amounts do vary from year to year given the different testing results and level of commercial activity at each site.

On the general topic of the commercial vs. residential loading for the sewer system, Operator Erickson noted that during the recent pandemic, the commercial sites were generally closed down. This very unusual event did give us an opportunity to see the Plant loading absent the commercial site's contributions. It was vert telling — he reported that during the COVID outbreak period, the loading which is normally approximately 64 mg/liter dropped to 13 mg/liter. Thus, the flow from the commercial sites is 5 times what we would be receiving absent the businesses in Edison. Even though the assessment amounts vary from year to year, the commercial assessments (not including testing fees and tank pumping) are about 33% more than the residential charges. Mr. Young also added that with our very small customer base, our fixed operating costs are distributed to a small number of users. In conclusion, Operator Erickson also noted that it is the flow/loading from kitchens and not bathrooms that contribute to our inflow measurements so the public use of bathrooms in Edison do not affect our flow in a large amount.

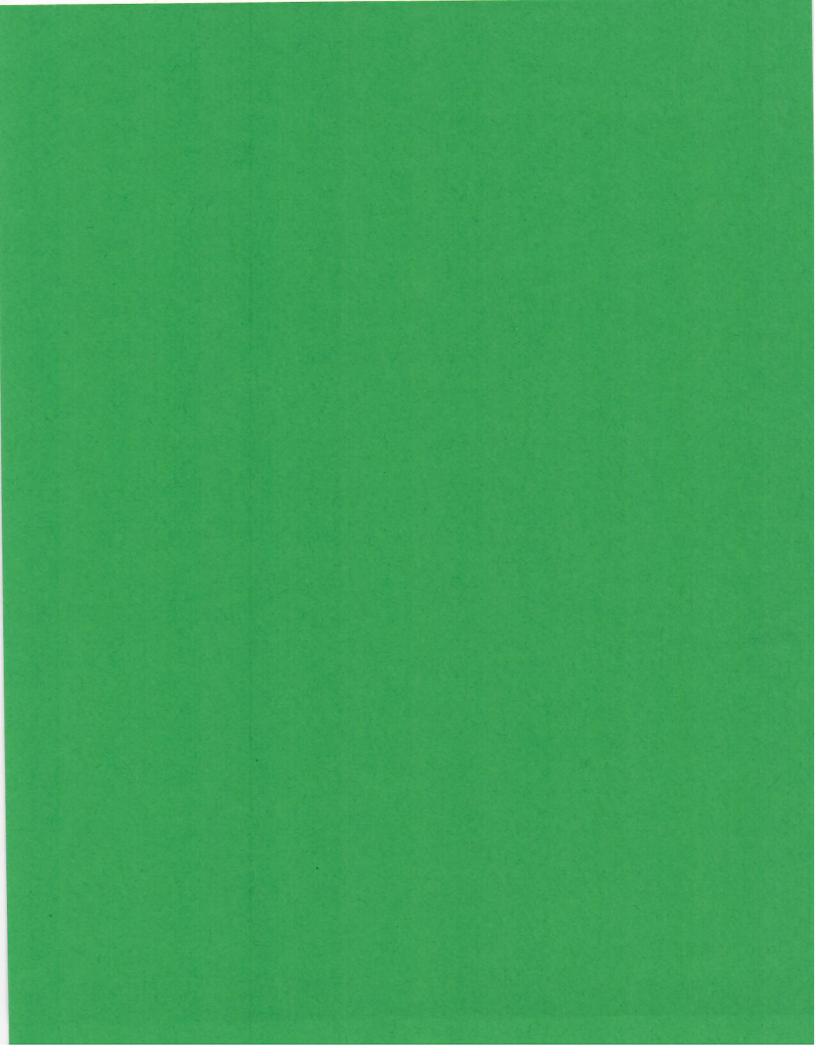
Turing to the content and concerns of the recent letter from Mr. Dahlstedt who represents two commercial sites in Edison, Mr. Young reminded the Board that even though Mr. Dahlstedt has suggested another method to allocate the costs amongst the users, we are not able to just assign costs as we wish. Our assessment methodology is mathematically based on the relative loading into the sewer system and has been reviewed by the Department of Ecology. Annually we send our assessment worksheets to DOE for the purpose of review and establishment of our annual Discharge Permit fee.

Mr. Dahlstedt addressed the Board and stated that he noted in his letter, sent on behalf of the owners of the Longhorn and the Edison Inn, that the Board could allocate costs in a different way that he and the commercial site owners would consider more equitable.

Following Mr. Dahlstedt comments, Mr. Alonzo stated that some of the items detailed in the letter were not accurate – comparing our rates to that of other communities is not valid given the unique configuration of the Edison treatment system and our very small customer base. In the letter, it was suggested that there is a manufacturing business, art gallery, and antique store using our system when in fact these businesses are not connected to the system and use individual on-site septic systems

Edison Clean Water District Meeting Minutes Meeting of August 24, 2022 Page 3

Adjourn: With no further business to be	e conducted, the meeting was conference call ended at 6:18 PM.
Committee Member	



# Skagit County Edison Clean Water Disrtrict CASH FLOW REPORT - 2022

## Fund No. 150 - Operations and Maintenance

January 2022 Beginning Cash Balance Adjustment to County Treasurer Statement	<b>\$415,671.85</b> \$0.00
2022 Revenues to Date	\$78,935.95
2022 Expenditures to Date	\$69,549.17
2022 Ending Cash Balance	\$425,058.63

2022 Expenditure Detail by Vendor				Permit
		Operations	Capital	Compliance
The Drain Doctor		\$29,580.82		
Ravenhead Municipal Services		\$8,100.00		
Edge Analytical				\$1,634.00
Underground Utility Locate Service		\$6.45		41,00
City of Burlington				\$5,388.04
Burlington Edison School District		\$22,192.53		
Coast Controls		\$698.73		11 11
State Department of Ecology				\$166.32
Trojan UV		\$1,545.32		4.00.52
Dahl Electric		\$236.96		
	Subtotal	\$62,360.81	\$0.00	\$7,188.36
	TOTAL	\$69,549.17		

# YEAR 2022 Fund 150 Expenditure Tracking Sheet

Tracking Number	Payee	Amount	Total
1/10/22-1	Edge Analytical (2021 Expense)	\$237.00 Total for Year	<b>\$237.00</b> \$ 237.00
1/26/22-1 1/26/22-2 1/26/22-3 1/26/22-4	The Drain Doctor Ravenhead Municipal City of Burlington BE School District	\$ 2,018.58 \$ 900.00 \$ 474.94 \$ 4,465.05 Total for Year	\$ 7,858.57 \$ 8,095.57
2/23/22-1 2/23/22-2 2/23/22-3 2/23/22-4 2/23/22-5	The Drain Doctor Ravenhead Municipal City of Burlington Utilities Underground Dahl Electric	\$ 4,618.83 \$ 900.00 \$ 728.06 \$ 1.29 \$ 236.96 Total for Year	\$ <b>6,485.14</b> \$ 14,580.71
3/23/22-1 3/23/22-2 3/23/22-3 3/23/22-4 3/23/22-5	The Drain Doctor Ravenhead Municipal City of Burlington Coast Controls BE School District	\$ 2,230.83 \$ 900.00 \$ 621.04 \$ 265.93 \$10,790.17 Total for Year	\$14,807.97 \$ 29,388.68
4/27/22-1 4/27/22-2 4/27/22-3 4/27/22-4 4/27/22-5 4/27/22-6	The Drain Doctor Ravenhead Municipal City of Burlington Trojan UV BE School District Edge Analytical	\$ 1,634.08 \$ 900.00 \$ 766.56 \$ 1,545.32 \$ 6,937.31 \$ 136.00 Total for Year	\$11,919.27 \$ 41,307.95

Tracking Number	Payee	A	Amount	Total
5/25/22-1	The Drain Doctor	\$	3,195.08	
5/25/22-2	Ravenhead Municipal	\$		
5/25/22-3	City of Burlington	\$		
5/25/22-4	Underground Locate	\$		\$ 4,717.41
			Total for Year	\$ 46,025.36
6/22/22-1	The Drain Doctor	\$	1,660.58	
6/22/22-2	Ravenhead Municipal	\$		
6/22/22-3	City of Burlington	\$		
6/22/22-4	Edge Analytical	\$		\$ 3,579.10
		•	Total for Year	\$ 49,604.46
7/20/22-1	The Drain Doctor	\$	2,146.58	
7/20/22-2	Ravenhead Municipal	\$	900.00	
7/20/22-3	City of Burlington	\$	667.56	
7/20/22-4	Edge Analytical	\$	157.00	
7/20/22-5	Underground Locate	\$	1.29	\$ 3,872.43
			Total for Year	\$ 53,476.89
8/24/22-1	The Drain Doctor	\$	0.970.19	
8/24/22-2	Ravenhead Municipal	\$	9,870.18 900.00	
8/24/22-3	City of Burlington	\$	523.88	
8/24/22-4	Edge Analytical	\$	460.00	
8/24/22-5	Coast Controls	\$	432.80	
8/24/22-6	Department of Ecology	\$	166.32	\$12,353.18
			Total for Year	\$ 65,830.07
9/28/22-1	The David David			
9/28/22-2	The Drain Doctor	\$	2,206.08	
9/28/22-3	Ravenhead Municipal City of Burlington	\$	900.00	
9/28/22-4	Edge Analytical	\$ \$	509.44	
9/28/22-5	Underground Locate	\$	101.00 2.58	6 2 710 10
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**FUND 150** 

**Tracking Number:** 

9/28/22-1

## Voucher Cover Sheet

We, the undersigned members of the Edison Subarea Board do hereby recommend that the invoices destailed below be forwarded to the Skagit County Commissioners for consideration for payment. We have reviewed these costs and supporting materials and have determined that they are proper and accurate.

DATE	PAYEE	DESCRIPTION	DARG	
8/22/2022	Drain Doctor	Invoice #38759 - repair	BARS	AMOUNT
8/23/2022		Invoice #38739 - repair	150.582.00.41.10	\$95.00
8/24/2022		Invoice #38881 - pump for repair		\$445.00
8/26/2022		Invoice #39131 - repair		\$95.00
THE RESERVE AND ADDRESS OF THE PARTY OF THE		Invoice #39149 - locate		
9/1/2022		Invoice #39153 - monthly contract		\$79.50
9/12/2022		Invoice #39189 - locate		\$1,412.08
		- Iocale		\$79.50
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			TOTAL	\$2,206.08

Date:		
Signed:	AND DESCRIPTION OF THE PERSON	

# THE DRAIN DOCTOR · Drain & Sewer Cleaning · Septic Tank Pumping · Sewer Line Repair

• Since 1979 •

38759

Licensed & Bonded 14062 Hillwood Drive · Bow, WA 98232 · (360) 757-3017 · Contractor Lic. #DRAIND\*055DH

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FINANCE CHARGE OF 1.5 % NET 30 DAYS

☐ No one home

☐ Total amount due for above work or: ☐ Total billing to be mailed after completion of work

38881

Licensed & Bonded

14062 Hillwood Drive · Bow, WA 98232 · (360) 757-3017 · Contractor Lic. #DRAIND\*055DH

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· Sewer Line Repair

· Video Pipeline Inspections

· Septic Inspections
· High Pressure Line

Page 2 of 3

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39131 Licensed & Bonded

14062 Hillwood Drive · Bow, WA 98232 · (360) 757-3017 · Contractor Lic. #DRAIND\*055DH

· Drain & Sewer Cleaning · Septic Tank Pumping

· Sewer Line Repair

· Video Pipeline Inspections

· Septic Inspections

Page 3 of 3

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FINANCE CHARGE OF 1.5 % NET 30 DAYS

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☐ No one home

☐ Total amount due for above work or: ☐ Total billing to be mailed after completion of work

39149

Licensed & Bonded

14062 Hillwood Drive · Bow, WA 98232 · (360) 757-3017 · Contractor Lic. #DRAIND\*055DH · Drain & Sewer Cleaning · Septic Tank Pumping

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· Video Pipeline Inspections

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FINANCE CHARGE OF 1.5 % NET 30 DAYS

Signature \_

☐ No one home

☐ Total amount due for above work or:

☐ Total billing to be mailed after completion of work

RAIN DOCTOR - Since 1979 -

39153 Licensed & Bonded

· Drain & Sewer Cleaning · Septic Tank Pumping · Sewer Line Repair	7-3017 · Contractor Lic. #DRAIND*055DF
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Signature

☐ Total amount due for above work or:

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39189 Licensed & Bonded

14062 Hillwood Drive · Bow, WA 98232 · (360) 757-3017 · Contractor Lic. #DRAIND\*055DH

· Drain & Sewer Cleaning · Septic Tank Pumping

· Sewer Line Repair

· Video Pipeline Inspections

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FINANCE CHARGE OF 1.5 % NET 30 DAYS

Signature \_

☐ No one home

☐ Total amount due for above work or: ☐ Total billing to be mailed after completion of work

**FUND 150** 

Tracking Number: 9/28/22-2

Voucher Cover Sheet

We, the undersigned members of the Edison Subarea Board do hereby recommend that the invoices destailed below be forwarded to the Skagit County Commissioners for consideration for payment. We have reviewed these costs and supporting materials and have determined that they are proper and accurate.

DATE	PAT	YEE		DECO	RIPTION		
			-	DESC	RIPTION	BARS	AMOUN
9/25/2022	Ravenhead	Municipal	Invision I	10000 05 0			1000
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						TOTAL	\$900.00

Date:	***************************************		
Signed:			



## Ravenhead Municipal Services 5 Sanwick Point Court Bellingham WA 98229 360.410.8626

September 25, 2022

INVOICE NO.

2022-05-9

BILL TO:

Skagit County Permit and Planning 1800 Continental Place Mount Vernon WA 98273

# September 2022 Billing Summary

DESCRIPTION

September 2022 Contractual Service Fee

\$900.00

Thank You

BALANCE DUE \$900.00

**FUND 150** 

Tracking Number: 9/28/22-3

## Voucher Cover Sheet

We, the undersigned members of the Edison Subarea Board do hereby recommend that the invoices destailed below be forwarded to the Skagit County Commissioners for consideration for payment. We have reviewed these costs and supporting materials and have determined that they are proper and accurate.

DATE	PAYEE	DESCRIPTION	The way	
			BARS	AMOUN
8/30/2022	City of Burlington	Monthly Operator For A		
		Monthly Operator Fee - August 2022	150.582.00.48.10	\$509.44
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			TOTAL	\$509.44

Date:				
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# Skagit County Contract #C20200272 Billing for Edison Sewer

Totals			Don Erickson
	8/3/2022 8/24/2022 8/30/2022 8/1-8/30/2	8/8/2022	Saga
7.5	15	2	Service
21	21		Mileage
\$	Sampled for Edge & Site Inspection  Meeting w/ Edison Board  G&O Zoom Meeting Capacity Study  Monitor SCADA System	Review Lab data, Flow and DMR	Description
			Materials/Supplies
25000	90.00 90.00 90.00	60.00	Service Fee \$ 60.00
			Mileage 2022 \$ 0.625
1 0 1 0 2 1 0 0 1	10.31 9.00 9.00 12.00	6.00	Administration Fee
	113.44 99.00 99.00	65.00	Total

**FUND 150** 

Tracking Number: 9/28/22-4

## Voucher Cover Sheet

We, the undersigned members of the Edison Subarea Board do hereby recommend that the invoices destailed below be forwarded to the Skagit County Commissioners for consideration for payment. We have reviewed these costs and supporting materials and have determined that they are proper and accurate.

DATE	PAYEE	DESCRIPTION	BARS	AMOUN
9/21/2022	Edge Analytical	Invoice #22-29954		
		10.000 11.22-27734	150.540.48.10	\$101.0
			TOTAL	\$101.00

Date:			
Signed:			



**Burlington WA** Corporate Office

1620 S Walnut St - 98233 800.755.9295 • 360.757.1400 • 360.757.1402fax

Page 1 of 1

## INVOICE

Client No:

SKA13

Client:

SKAGIT COUNTY PLANNING & DEVELOPMENT

1800 CONTINENTAL PLACE MOUNT VERNON, WA 98273

Attn:

Please include Reference number with payment

Reference: 22-29954

Date: September 21, 2022

Project: Edison LOSS

Date Received: September 08, 2022

ltem	Lab Sample Number	Client Sample Number and Description			
1	58180.00	Site M (in) - Edison WWTF	Type of Analysis	Turnaround	Extended
2	58180.00	Site M (in) - Edison WWTF	5 day BOD test	Standard	Cost \$27.00
3	58181.00	Site A (out) - Edison WWTF	Total Suspended Solids	Standard	\$11.00
4	58181.00	Site A (out) - Edison WWTF	5 day BOD test	Standard	\$27.00
5	58181.00	Site A (out) - Edison WWTF	Total Suspended Solids	Standard	\$11.00
6	58181.00	Site A (out) - Edison WWTF	Fecal Coliform by MTF in Water	Standard	\$25.00
100			Inflationary Surcharge	Standard	720.00
				Grand Total:	\$101.00

Grand Total: \$101.00 Amount Paid: \$0.00 Amount Due (US Dollars):

## Thank You for Your Business

Please pay to corporate office by October 21, 2022 to avoid a 1.5% per month finance charge.

Please Detach Here \* and return this portion with your payment

Reference: Amount Due:

22-29954

in US Dollars

SKAGIT COUNTY PLANNING & DEVELOPMENT

1800 CONTINENTAL PLACE MOUNT VERNON, WA 98273

1620 S Walnut St Burlington, WA 98233 OR you can pay on-line at: www.edceanelyticsi.com/payments User Name, Pay Password, Edge

Please Remit To:

Edge Analytical, Inc.

SKA13

Form: invoice.rnt

**FUND 150** 

Tracking Number: 9/28/22-5

### Voucher Cover Sheet

We, the undersigned members of the Edison Subarea Board do hereby recommend that the invoices destailed below be forwarded to the Skagit County Commissioners for consideration for payment. We have reviewed these costs and supporting materials and have determined that they are proper and accurate.

DATE	PAYEE	DESCRIPTION		
			BARS	AMOUNT
8/31/2022	Underground Loca	a Terrai Vocase		
	g-+ mits 200a	e Invoice #2080307		\$2.5
				\$2.3
			TOTAL	200
	The same of the second second second		TOTAL	\$2.58

Date:	***************************************		
Signed:			
		The state of the s	
			-

UTILITIES UNDERGROUND LOCATION CENTER. Remittance Address P.O. Box 3701 Seattle, WA 98124-3701 (410) 712-0082

Invoice No.	2080307
Invoice Date	08/31/2022
Month of Service	August
Billing Code	CLNWTR1
Account Number	150800
PO#	

EDISON CLEAN WATER GREG YOUNG 5 SANWICK POINT COURT BELLINGHAM, WA 98229

Current Costs associated with your participation in UTILITIES UNDERGROUND LOCATION CENTER.

Description	CATION CENTER.
Excavation Notifications for the month: 2	Amount
Voice Ticket Delivery: 2 at \$0.00	\$2.58
	\$0.00
District Code Tickets District Code Tickets District Code Tickets	\$2.58
CLNWTR01 District Code Tickets District Code Tickets District Code Tickets District Code Tickets	I-i

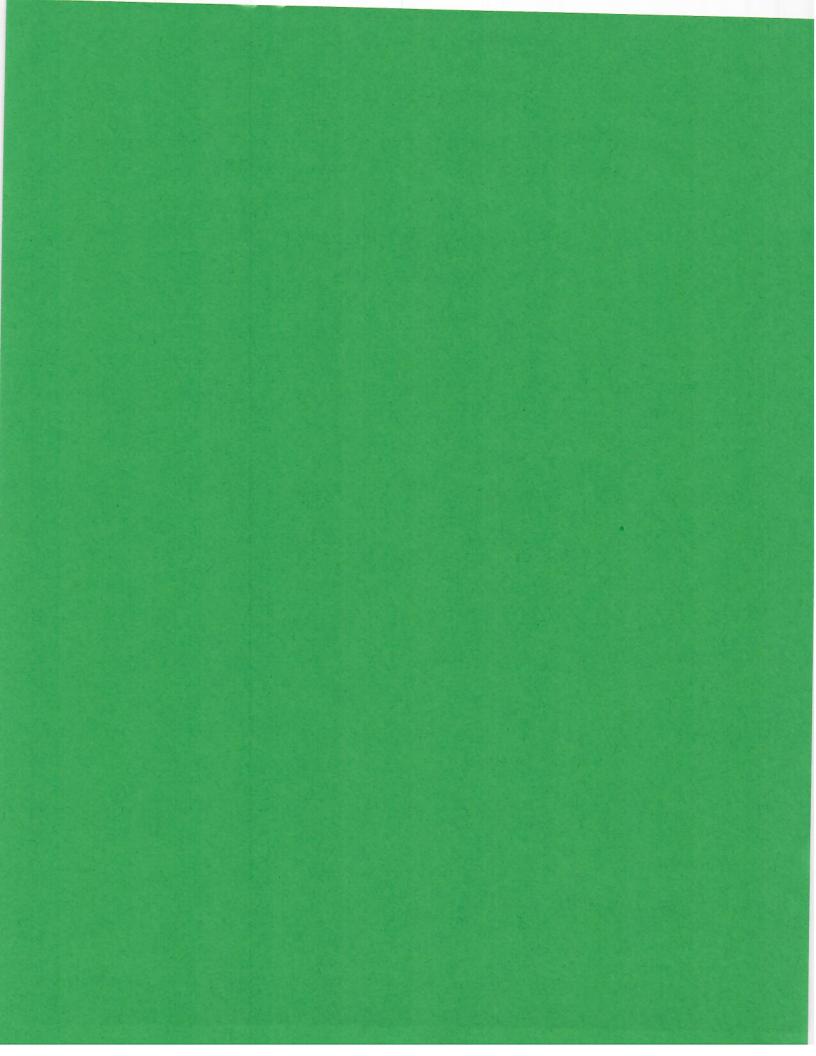
District Code Tickets			IOIA	L:\$2.58
CLNWTR01 2	District Code Tickets	District Code Tickets	District Code Tickets	
				District Code Tickets

## REMITTANCE COPY

Company Name:	EDISON CLEAN WATER	
Account Number:	150800	
Invoice Number:	2080307	
Invoice Date:	08/31/2022	
Amount Due:	\$2.58	

Make Check Payable to:

Utilities Underground Location Center PO Box 3701 Seattle, WA 98124-3701



# **Edison Lift Station**

Date: 9-8-22		
Tech: SS		
Counter # 1		
Events	40024	
Run Time		
	,	
Counter # 2		
Events	39118	
Run Time	5854.65	
Siemens Totalizer	14434	
Comments:		
Draw Downs		
North Pump	Inches/	Min
	Inches/	

Site# 74 Techs: Date: 24 48	Edison School	
Panel Readings #1  Hr: 1103.60  Events: 336.88  Ordn:  #2  Hr: 1130.00  Events: 33519  Ordn:  Comments:	Scum: Sludge: Scum: Sludge: Scum: Sludge: Sudge: Sludge: Sludge:	OFACUSS Lids.  3000 gal  O 1500 gal  O basket filter  Filter cleaned  O Panys vault

S79	SE			47 Ferdinand 58	16 Ferdinand St		15		ield		Kvistad		e	7 Conn	6 Carter	5 McRae	4 DeGloria	3 Allen	2 Nuckolls	Current Owner  + Slind	DATE: 9-
5797 Main 6	5811 Main	5819 Main	HIRTAI O.C.	SRAR Main	5847 Main	Gilmore Ave	14096 Gilmore	14068 Gilmore	14058 Gilmore	14032 Gilmore	5885 F/M	5927 F/M	5941 F/M	5979 F/M	5987 F/M	5848 F/M 6056	6030 F/M	5936 F/M	5822 F/M SE5-2	Site Address	al lank In
Comm	G	G	Ø.	2	ଦ	Future	G	ຄ	G	P	-	78	7	-	8	S	P	P		System Soum	DATE: 9-2-32  Ist Undated Manager  The Lank Inspection Report
	7									(CZ)DAON	Alfa Alfa	-11-	+							Needs Lids Sludge Pumping Secure	port
								The second secon	Olhbi	LANNers	TF	34.94.1	815th	92	5211 may 5	319172	七分的	60008		Lids Run Secure Cycles	
						- Calculation of the Calculation			1739,03	MANNE SOCULAND	258.89	1956.81	1370.20	S	1951 95-25E. B	1383,84	2306.12	11.71		Run	
										mary home										Extremely Heavy Alarm	
			To Physical Co.			1	***************************************			Luch					· · · · · · · · · · · · · · · · · · ·				Kepairs	Needs	

Barker	Edison Inn	36th Robbins	36a Chamberlin	36 Mariposa	35 Rust	34 Tweets	33 Rust	32 Evans	31 Breadfarm	30 Longhorm	29 SRP LLC	28 SRP LLC	27 Reisen	26 M Robbins	25 J-Rebbins	24 J Robbins	23 Leigh	22 Robbins	DATE: 9-5  Current Owner  21 Radish
_   .	5829 Cains Court	Unknown 14095	5848 F/M	14003 Gilmere	5800 Cains	5800 Cains	5782 Cains	5778 Cains	5766 Cains Court	5754 Cains Court	5742 Gilkey	5717 Gilkey	14011 MacTag		14051 MacTag	14059 МасТад	14075 МасТад	14091 МасТад	Current Owner Site Address System Scum Sludge
). 	Comm	ADU	P	Совин	ଦ	Сопи	ଜ	ଦ	Солы	Сения	70	7	ର	ດ	Future	G	ဂ	ล ค	System Scum
The second secon	The state of the s													Accounts to the contract of th					Sludge   Pumping Secure
	+1	5075	71586			,				E-9741	7115								ls Run re Cyclos
	90,5	95.232	06.215			The second secon				2311.44	428.33	Control of the Contro							Run
									+										Extremely Heavy Alarm Filter OK
											-						Transmission of the second		Needs

Individu	Individual Tank Inspection  DATE: 9/20/2	pecti	on Re	Report							
Current Owner	ner Site Address	System	Som.	2	Needs	Lids	Run	Run	Extremely	Alarmi	Needs
D.JOHERIC CC	14061 Gilmore	ବ			- Starte	Occure	Cycles	Hours	Filter	OK	Repairs
40 Bajema	14073 Gilmore	ନ					-				
41 Mangold	14083 Gilmore	ଦ					And the second s				
42 Robbins	5841 Ewings	ଦ						Transmission of the state of th			
43 Redding	14137 Gilmore	Future		i			Property Commence				
44 Redding	14137 Gilmore	S						The second secon			
45 Sullivan	5836 Main	ด		The second secon							
46 Skinner	14118 MacTag	ຄ	-								
47 Parker	14108 МасТад	ର				-					
48 Leigh	14090 MacTag	C/2			1				: !-		
49 Ouellette	14078 MacTag	ବ		To Comment							
50 Shull Trust	5815 Ewing	ଦ								1	
51 Williams	14064 MacTag	ଦ				-					
52 BL Properties 14050 MacTag	14050 MacTag	ନ									
33 NE Properties		Future									
54 Youngquist	200	ର									-
55 KXA Estates	14022 MacTag	ଦ				- 4					
56 Atkinson	14010 MacTag	ଶ						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
		Future									
3717TC		TO A COMPANSAGE AND A STREET AND ASSESSMENT ASSESSMENT AND ASSESSMENT AND ASSESSMENT AND ASSESSMENT AND ASSESSMENT AND ASSESSMENT AND ASSESSMENT ASSESSM				277			50		

Current Owner Site Ac	wner Site Address		T	s Lids Run	Run	Незуу	Alama
59 Czaban	14037 MacCoys	s G	Sunge	rumping secure Cycles	Hours	Filter	OK
60 SS LLC	14043 MacCoys	Q.			Annual Section 1		
61 Collinge	14057 MacCoys	G G			· · · · · · · · · · · · · · · · · · ·		
62 Turner	5800 Ewings	Ð					
63 Alonzo	5548 Smith	70					
64 Дөжен	5557 Smith	Future		6403	08.259		
65 Perry	5694 Smith	75		6507			-
66 Perry	14095 Doser	TP		12.27	50,6,4		
67 No-Service	No Service			ASK LT	016521		
68 Mayer	14119 Doser	Þ		20717			
69 Derring	14129 Doser	ש		10001	2276.88		
70 Pare	14114 Deser	Future		17000	69.0h17		-
71 Callaway	5722 Smith	-		Ē	37		
72 Jewett	14239 WB Hill	٦		10900	58.18		
73 School	5801 Main	School			791 1.1901		

# RE: RE: Edison commercial testing

To Scott Mangold <scott@breadfarm.com> • Greg YOUNG <youngest@comcast.net> Copy bernie.alonzo@gmail.com <br/> • skinner@fidalgo.net <skinner@fidalgo.net> • dkvistad@gmail.com <dkvistad@gmail.com> • Don Erickson <derickson@burlingtonwa.gov> • jhaddox@be.wednet.edu <jhaddox@be.wednet.edu> • Betsy D. Stevenson <br/> > S

Good morning,

Thanks Scott for your follow up. There are some good points and questions you raise.

Your idea of having the commercial sites access test results on a Skagit County website via a private link is beyond my IT skills or knowledge, so I would have to find out if its an option from a public service viewpoint and with IT. Also, all documents we have are subject to public disclosure and this is a step towards easy access to data for everyone which could cause discord in the community. So, I want to hear from you all whether you think publicly posting commercial test results is really what you and the businesses would like? My worry is the community will further point fingers and so I hesitate to post this information on the Skagit County website. Although Edison documents subject to public record, this is a detail worthy of consideration.

We can certainly get the businesses the results if they did not already receive them. Is Mike or Greg sending the results to the businesses? I do not have January's commercial test results – can someone send them to me? If the businesses have not received their test results do we want to send the entire report (listing all businesses), or do we want Edge to create new reports for each business?

We can have the agenda and minutes posted on the Edison Clean Water District website, I will work towards having this implemented. If you have comments or concerns please let all of us know.

I look forward to hearing everyone's thoughts, thank you! Have a great day,

Erin Langley Senior Water Resource Planner

Skagit County Planning & Development Services 1800 Continental Place Mount Vernon, WA 98273

Direct line: 360.416.1335 Email: <u>erinl@co.skagit.wa.us</u>

Department website: www.skagitcounty.net/planning



From: Scott Mangold <scott@breadfarm.com> Sent: Thursday, September 8, 2022 2:01 PM To: Greg YOUNG < youngest@comcast.net>

Cc: bernie.alonzo@gmail.com; skinner@fidalgo.net; dkvistad@gmail.com; Don Erickson

<<u>derickson@burlingtonwa.gov</u>>; <u>jhaddox@be.wednet.edu</u>; Betsy D. Stevenson <<u>betsyds@co.skagit.wa.us</u>>; Erin

Langley <erinl@co.skagit.wa.us>

Subject: Re: RE: Edison commercial testing

CAUTION: This email originated from an external email address. Do not click links or open attachments unless you recognize the sender, you are expecting this email and attachments, and you know the content is safe.

All.

I'm thinking our testing data for commercials is a little jumbled this year.. This PDF attachment includes test results from April 2022 and July 2021. The July 2021 samples were used to calculate the loading for the 2022 assessments we had established for the assessment year that we are currently in.

It is my belief that we have done three sets of samples (out of 4) for the upcoming assessment cycle:

January 11 sample (1/20/22 lab results) note: Longhorn sampled later due to collapsed tent over tank lids April 12 sample (4/20 lab results) July 13 sample (7/26 lab results)

Erin, you mentioned that you would be willing to forward the test results to the commercial food customers. Do you have the time to follow up on this? It may require a new pdf for the 4/20 results (that doesn't include July 2021) The copies of the other dates should be included in the packets that Greg emailed out before the meetings. I'm not certain whether he has those saved as stand-alone files or not, but that would be helpful and a cleaner looking way to send out the data. Alternatively, create a location on the webpage to house these test results and just email the commercial customers the link.

Regards, Scott

On Thu, Sep 1, 2022 at 10:07 AM Greg YOUNG < youngest@comcast.net > wrote:

All

Here are both the April and August commercial testing results for this year. Greg

----- Original Message -----

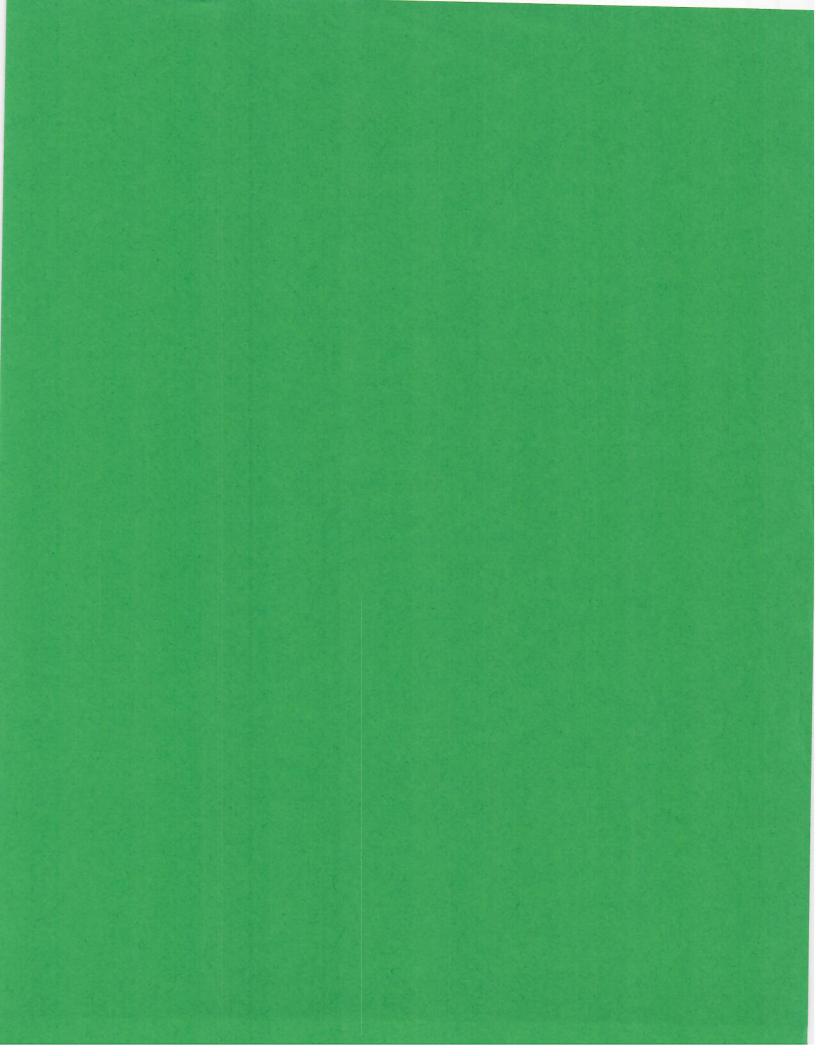
From: tamman@wavecable.com

To: 'Erin Langley' < erinl@co.skagit.wa.us>

Cc: 'Greg YOUNG' < youngest@comcast.net>, "'Betsy D. Stevenson'" < betsyds@co.skagit.wa.us>, 'Don

Erickson' <derickson@burlingtonwa.gov>

Date: 09/01/2022 9:18 AM





August 30, 2022

**Edison WWTF Operators Report** 

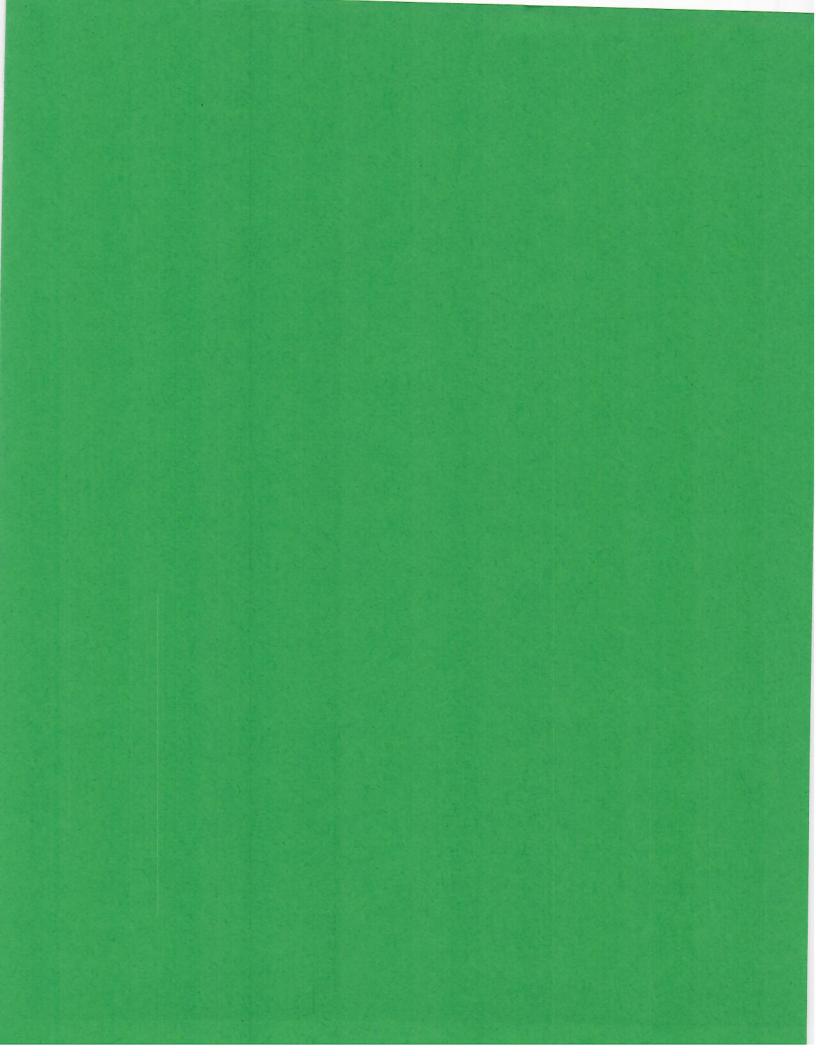
August 3<sup>rd</sup>, Erin and I collected monthly samples for analysis at Edge Analytical. The flow was 4188 gallons and the return rate was 9.8:1. The recirculating tank pH was 6.9, and effluent pH was 6.6. I inspected the site and was unable to observe any ponding on the gravel filters by sight or 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.

August 10th, The Edge analytical report showed a Fecal count of <1.8 MPN/100ml and an 86% reduction in TSS and a 97% reduction in BOD, all found to be within the expected range.

Sincerely,

Don Erickson

Sewer Department Supervisor



# Edison Clean Water District Commercial Site Water Usage June 2021 to June 2022

Wage Usage Calculations for 2023 Assessments

Prior Year	Times 3.77 (convert to Liters)	Times 7.48 (cubic feet concersion) Times 100 (gallons used) Divided by 365 (gallons per day)	Description  June 2021 Water Meter Reading  June 2021 Water Meter Reading  Usage - Cubic Feet
66,579	64,746	172 17,174 47	Edison Café 102.51 125.47 22.96
816,350	647,801	1,718 171,831 <b>471</b>	Longhorn 698.92 928.64 229.72
547,749	567,263	1,505 150,468 <b>412</b>	Bream Farm 683.83 884.99 201.16
35,109	46,438	34	Tweets
105,579	130,733	347 34,677 95	Mariposa 189.30 235.66 46.36
399,729	614,230	446	Edison Inn
783,949	1,457,144	1,059	Edison School

Determination of Average Water Usage for:

Edison Inn Edison School

Edison School	Edison Inn	Tweets	Annual Liters	Edison School	Edison Inn	Tweets	Gallons Per Day
2,686,294	705,921	48,616	2019	1,952	513	35	2019
2,686,294 1,600,327 758,005	712,463	43,286	2020	1,163	518	31	2020
758,005	638,806	58,740	2021	551	464	43	2021
783,949	399,729	35,109	2022	570	290	26	2022
1,457,144	614,230	46,438	4 Year Average	1,059	446	34	4 Year Average

Edison Clean Water District Commercial Site Water Usage June 2017 to June 2018

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	2,686,294	705,921	259,859	48,616	734,177	618,699	123,148	Annual Liters Used 3.77 liters in a gallon
	365 1952.18	365 <b>513.01</b>	365 188.84	365 35.33	365 533.54	365 <b>449.62</b>	365 <b>89.49</b>	Gallons Per Day
,373,13	7.48 972 7,125 100 100 101 102 103 1047 712,545 1,373,134	7.48 1,872 100 187,247	7.48 689 100 68,928	7.48 129 100 12,896	7.48 1,947 100 194,742	7.48 1,641 100 164,111	7.48 327 100 32,665	Annual Gallons times 100 Annual Gallons Used
	11476.2 12428.8 952.6	5174.75 5425.08 250.33	974.4 1066.55 92.15	226.98 244.22 17.24	3212.62 3472.97 260.35	5503.33 5722.73 219.4	12	June 2018 Annual Cubic Feet Usage
	School	Edison Inn	Mariposa	Tweets	Bread Farm	Longhorn	Edison Café	June 2017

Edison Clean Water District Commercial Site Water Usage June 2018 to June 2019

water Change with School

Wage Usage Calculations for 2020 Assessments

Prior Year	Times 3.77 (convert to Liters)	Times 7.48 (cubic feet concersion) Times 100 (gallons used) Divided by 365 (gallons per day)	June 2018 Water Meter Reading June 2019 Water Meter Reading Usage - Cubic Feet	Description
123,148	126,898	337 33,660 92	45.00	Edison Café
618,699	611,931	1,623 162,316 445	217.00	Longhorn
734,177	744,469	1,975 197,472 <b>541</b>	264.00	Bream Farm
48,616	43,286	115 11,482 31	244.22 259.57 15.35	Tweets
259,859	273,536	726 72,556 199	97.00	Mariposa
705,921	712,463	1,890 188,982 518	5,425.08 5,677.73 252.65	Edison Inn
2,686,294	1,600,327	4,245 424,490 1,090,958 1,163	12,428.80 12,996.30 567.50	Edison School
		1,090,958		

## Edison Clean Water District Commercial Site Water Usage June 2019 to June 2020

# Wage Usage Calculations for 2021 Assessments

Prior Year	Times 3.77 (convert to Liters)	Times 7.48 (cubic feet concersion) Times 100 (gallons used) Divided by 365 (gallons per day)	Description  June 2019 Water Meter Reading  June 2020 Water Meter Reading  Usage - Cubic Feet
126,898	95,597	254 25,357 69	Edison Café 45.00 78.90 33.90
611,931	542,645	1,439 143,938 394	Longhorn 217.00 409.43 192.43
744,469	636,155	1,687 168,741 462	Bream Farm 264.00 489.59 225.59
43,286	58,740	156 15,581 43	Tweets 259.57 280.40 20.83
273,536	154,703	410 41,035 112	Mariposa 97.00 151.86 54.86
712,536	638,806	1,694 169,444 464	Edison Inn 5,677.73 4.53 226.53
1,600,327	758,005	2,011 201,062 <b>551</b>	Edison School 12,996.30 13,265.10 268.80
		765,159	

Edison Clean Water District Commercial Site Water Usage June 2020 to June 2021

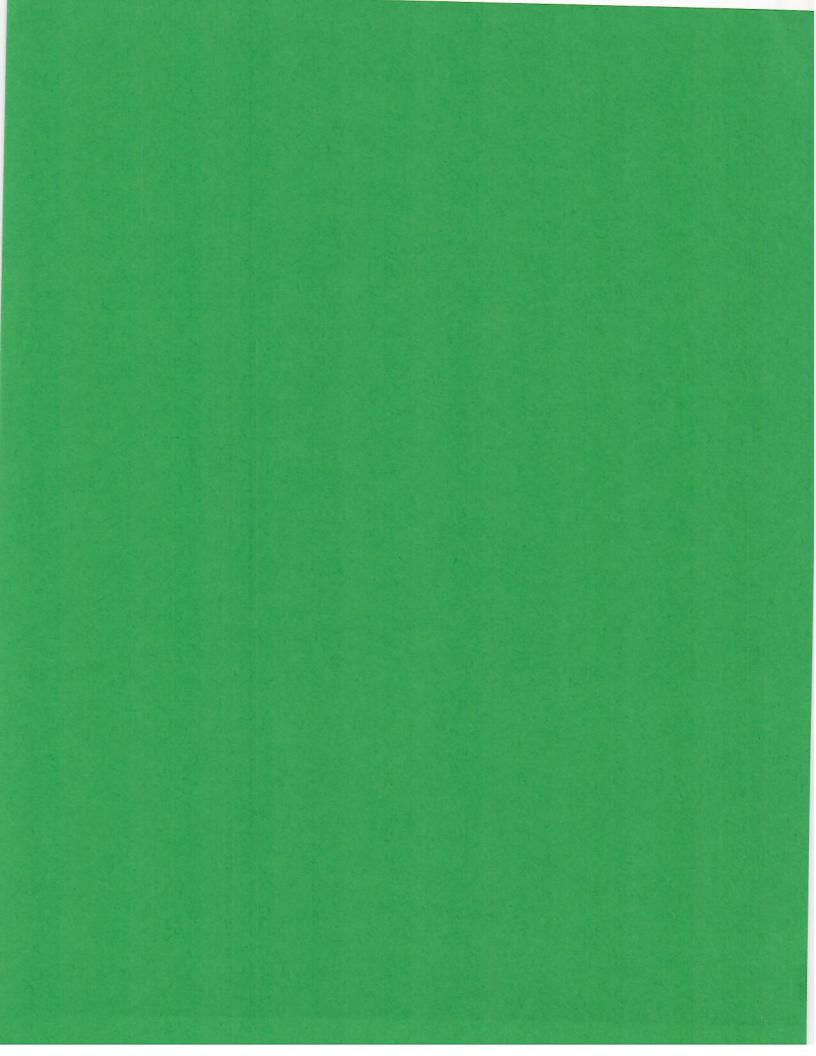
Wage Usage Calculations for 2022 Assessments

	Prior Year	Times 3.77 (convert to Liters)	Times 100 (gallons used) Divided by 365 (gallons per day)	Times 7.48 (cubic feet	Usage - Cubic Feet	June 2020 Water Meter Reading	Description
	95,597	66,579	177 17,660 48		102.51	78.90	Edison Café
C+2,040	542.645	816 340	2,165 216,539 <b>593</b>		698.92	400 43	Longhorn
636,155	347,749		1,453 145,292 <b>398</b>		489.59 683.83 194.24	Dream Farm	
58,740	35,109	į	93 9,313		280.40 292.85 12.45	Tweets	2012 Assessments
154,703	105,579	11	280 28,005	,	151.86 189.30	Mariposa	UZZ Assessmen
638,806	399,729	290	1,060 106,029	141./5	4.53 146.28	Edison Inn	S
758,005	783,949	570	2,079 207,944	278.00 meter err		Edison School	
		.,	730.78	meter err			

## Edison Sub-Area Commercial Site Water Meter Readings

Date: 6-6-22
Technicians: 5052-504W

Business Name	Site#	Meter Reading	Cubic Ft Used
Edison Cafe	<u>20</u>	125.47	
Longhorn Saloon	<u>30</u>	928.64	
The Bread Farm	31	884.99	
Tweets	32 North	75.92	
	South	10.47	
<u>Mariposa</u>	<u>36</u>	235.66	
Edison Inn	<u>37</u>	30.28	
Edison School	<u>73</u>	54555.65	
5821 Cains Crt	38	310.59	





Burlington, WA Corporate Laboratory (a) 1620 S Walnut St - Burlington, WA 98233 - 980.755,9295 - 380.757,1400

Bellingham, WA Microbiology (b) 805 Orchard Dr Ste 4 - Bellingham, WA 98225 - 360,715,1212

Portland, OR Microbiology/Chemistry (c) 9725 SW Commerce Cr Site A2 - Wilsonnille, OR 97070 - 503.682.7802

Corvallis, OR Microbiology/Chemistry (d) 1109 NE Clicite Blvd, Sta 139 - Corvalia, OR 97330 - 541.765.4946

Bend, OR *Microbiology* (e) 20332 Empire Blvd Ste 4 - Bend, OR 97701 - 541.639.8425

Page 1 of 2

## Data Report

Client Name: The Drain Doctor

14062 Hillwood Lane Bow, WA 98232

Reference Number: 22-00981

Project: Edison

Unable to access the Longhorn. Date Received:
Extense shed collapsed cover had Approved by:
Authorized by:

Report Date: 1/20/22

Date Received: 1/11/22

Approved by: bi

Shuran Island

Sample Descr	ription: Mariposa	Purma Tanda			20064			Dir	Lawr ector of	ence J f Labora	Henderson, Patories, Vice P	hD resident
Lab Nu	ımber: 1908	Sample Comment:						Matrix V	v s	Sample I	Date: 1/11/22	Market Street
	Parameter	Result	PQL	MDL	Units	DF	Method	Lab			d By: J.S.	
E-10106	OIL AND GREASE 5-Day BOD Test	33.3 >410 K1	2.5 1.0	1.3	mg/L mg/L	1.0	1664 SM5210 B	a	1/13/22 1/17/22	ADL CRC	1664_220113 BOD_220112	Comment
Lab Nu		eptic Outlet Sample Comment:						Matrix W		ample D	Pate: 1/11/22 I By: J.S.	11:00 am
	Parameter	Result	PQL	MDL	Units	DF	Method	Lab		d Analyst		Comment
	OIL AND GREASE G-Day BOD Test	20.2 295	2.5 1.0	1.3	mg/L mg/L	1.0	1664 SM5210 B	а	1/13/22	ADL GRC	1664_220113 BOD_220112	Comment
Lab Nur	otion: Edison Inn mber: 1910	Septic Outlet Sample Comment:						Matrix W			ate: 1/11/22	11:30 am
CAS ID# F	'arameter	Result	PQL	MDL	Units	DF	Method	Lob	The second	-	By: J.S.	
	IL AND GREASE -Day BOD Test	68.1 813	2.5	1.3	mg/L mg/L	1.0	1664 SM5210 B	a 1	13/22 17/22	ADL CRC	Batch 1664_220113 BOD_220112	Comment
Lab Nun	otion: Breadfarm ober: 1911	Septic Outlet Sample Comment:						Matrix W	Sai	mple Da	ate: 1/11/22 1 By: J.S.	2:20 pm
	arameter	Result	PQL	MDL	Units	DF	Method	Lab A	-			
	L AND GREASE Day BOD Test	51.1 380	2.5	1.3	mg/L mg/L	1.0	1664 SM5210 B	a 1/	13/22 17/22		Batch 1664_220113 BOD_220112	Comment

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.

If you have any questions concerning this report contact us at the above phone number. Form: cRslt\_2.rpt





Reference Number: 22-00981

Report Date: 1/20/22

## Data Report

Lab	escription: Breadfarm ( Number: 1912	Grease Outlet Sample Comment:						Matrix V			Date: 1/11/22	12:20 pm
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab			By: J.S.	
E-10140	OIL AND GREASE	89.4	2.5	1.3	mg/L	1.0	1664	Lab	and the same of	ed Analyst		Comment
E-10106	5-Day BOD Test	1070	1.0		mg/L	1.0	SM5210 B	a	1/13/22	ADL	1664_220113 BOD_220112	
Lab	scription: Edison Cafe Number: 1913	Septic Outlet Sample Comment:						Matrix W			ate: 1/11/22	12:50 pm
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method				By: J.S.	
E-10140 E-10106	OIL AND GREASE	24.0	2.5	1.3	mg/L	1.0	1664	100	Analyze 1/13/22	d Analyst		Comment
-10106	5-Day BOD Test	141	1.0		mg/L	1.0	SM5210 B	-	1/17/22		1664_220113 BOD_220112	
	scription: Edison School Number: 1914	Pump Tank Sample Comment:						Matrix W			ate: 1/11/22	1:10 pm
CAS ID#	Parameter	Result	PQL	MDL	Units	DF				ollected		
-10140	OIL AND GREASE	33.6	2.5	1.3	mg/L		Method	Contract of the second	The second	Analyst	Batch	Comment
-10106	5-Day BOD Test	259	1.0		mg/L	1.0	1664 SM5210 B		/13/22		1664_220113 BOD 220112	

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.



Burlington, WA Copporate Leboratory (a) 1620 S Weiturt St. - Burlington, VA 36233 - 880,755.9295 - 356,757,1400

Bellingham, WA Microbiology (b) 805 Ordhard Dr Ste 4 - Betingham (WA 98225 - 560,715 1212

Portland, OR Microbiology/Chemistry (c) 9725 SW Commerce Cr Sto A2 - Wilsonsollo, OR 97070 - 503 602 7802

Corvallis, OR Microbiology/Chemistry (d) 1189 NE Carde Blvd. Sto 150 - Cervalia: OR 97308 - 511,753,4946

Bend, OR Microbiology (e) 20032 Errore Styl Ste 4 - Bend, OR 97701 - 541,639,8425

Page 1 of 1

## Data Report

Client Name: The Drain Doctor

14062 Hillwood Lane Bow, WA 98232

Reference Number: 22-02593

Project: Edison

Report Date: 2/4/22

Date Received: 1/25/22

Approved by: bj Authorized by:

at Wille

Sample Description: Longhorn Septic Outlet Patrick Miller, MS Deputy QA Officer

Lab Number: 5138 Sample Comment: Matrix W Sample Date: 1/25/22 10:00 am CAS ID# Parameter Collected By: J.S. Result PQL MDL E-10140 Units OIL AND GREASE DF Method Lab Analyzed Analyst Batch 73.1 2.5 E-10106 1.3 Comment 5-Day BOD Test mg/L 1.0 1664 661 2/1/22 1.0 ADL 1664\_220201 mg/L 1.0 SM5210 B 1/31/22 CRC BOD\_220126 pH:6

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.



Burlington, WA corporate Laboratory (e) 1620 S Wathut St - Burlington, WA 98233 - 800.755.9295 - 360.757.1400

Bellingham, WA Microbiology (b) 805 Orchard Dr Ste 4 - Bellingham, WA 98225 - 360,715,1212

Portland, OR Microbiology/Chemistry (c) 5725 SW Commerce Cr Ste A2 - Vriescrwille, OR 97070 - 503.682 7822

Corvallis, OR Microbiology/Chemistry (d) 1100 NE Circle Blvd, Sta 130 - Corvelis, OR 97330 - 541,753,4946

Bend, OR *Microbiology* (e) 20332 Empire Blvd Ste 4 - Bend. OR 97701 - 541,639,8425

Page 1 of 2

## Data Report

Client Name: The Drain Doctor

14062 Hillwood Lane Bow, WA 98232

Reference Number: 22-12373

Project: Edison

Report Date: 4/20/22

Date Received: 4/12/22

Approved by: bj

Authorized by:

La	escription: School F b Number: 23874	Sample C	Comment:						Matrix	w s	ample	atories, Vice P Date: 4/12/22	the same of the sa
CAS ID#	Parameter		Result	PQL	MDL	Units	DF	Method	Lab			d By: J.S.	
E-10140 E-10106	OIL AND GREASE 5-Day BOD Test		8.8 125	2.5	1.3	mg/L mg/L	1.0	1664 SM5210 B	a	Analyze 4/14/22 4/19/22	ADL CRC	1664_220414 BOD_220414	Comment
Lat	escription: Cafe Sep Number: 23875	tic Outlet Sample C	omment:					ANGE LEGIS	Matrix	-	ample i	Date: 4/12/22 I By: J.S.	11:00 am
CAS ID# E-10140	Parameter		Result	PQL	MDL	Units	DF	Method	Lab	Analyze	100		Comment
E-10106	OIL AND GREASE 5-Day BOD Test		48.0 219	2.5 1.0	1.3	mg/L mg/L	1.0	1664 SM5210 B	a	4/14/22	ADL CRC	1664_220414 BOD_220414	Comment
	escription: Longhorn Number: 23876	Septic Outlet Sample Co	omment:						Matrix V		mple D	ate: 4/12/22	11:20 am
CAS ID#	Parameter		Result	PQL	MDL	Units	DF	Method	Lab			By: J.S.	
E-10140 E-10106	OIL AND GREASE 5-Day BOD Test		307 1600	2.5 1.0	1.3	mg/L mg/L	1.0	1664 SM5210 B	a	Analyzed 4/14/22 4/19/22	ADL	1664_220414 BOD_220414	Comment
Lab	scription: Breadfarm Number: 23877	Septic Outlet Sample Cor	mment:						Matrix W		nple Da	ate: 4/12/22	1:20 am
CAS ID#	Parameter		Result	PQL	MDL	Units	DF	Method	Lab		-	By: J.S.	
-10140	OIL AND GREASE		61.0	2.5	1.3	mg/L	1.0	1664	a	Analyzed	Analyst	Batch	Comment

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.





Reference Number: 22-12373

Report Date: 4/20/22

## Data Report

La CAS ID#	Description: Breadfam b Number: 23878 Parameter	Sample C	comment:						Matrix			Date: 4/12/22 d By: J.S.	11:20 am
E-10140	OIL AND GREASE		Result	PQL	MDL	Units	DF	Method	Lab	The second second	zed Analys		Comment
E-10106	5-Day BOD Test		139 1210	2.5 1.0	1.3	mg/L mg/L	1.0	1664 SM5210 B	a	4/14/22	ADL CRC	1684_220414 BOD_220414	Comment
	escription: Mariposa Number: 23879 Parameter	Pump Outlet Sample Co							Matrix 1		Sample D	Date: 4/12/22	11:45 am
E-10140	OIL AND GREASE		Result	PQL	MDL	Units	DF	Method	Lab	Section of the last of the last	ed Analysi		Comment
E-10106	5-Day BOD Test		71.2 309	1.0	1.3	mg/L mg/L	1.0	1664 SM5210 B	a	4/14/22	ADL CRC	1664_220414 BOD_220414	Comment
Lab CAS ID#	escription: Tweets Se Number: 23880 Parameter	Sample Co							Matrix V		ample D	ate: 4/12/22 ·	11:45 am
-10140	OIL AND GREASE		Result	PQL	MDL	Units	DF	Method	Lab		d Analyst		Comment
-10106	5-Day BOD Test		26.2 172	1.0	1.3	mg/L mg/L	1.0	1664 SM5210 B	a	4/14/22 4/19/22		1664_220414 BOD_220414	
Lab	scription: Edison Inn Number: 23881	Septic Outlet Sample Cor	mment:						Matrix V	-	mple Da	ate: 4/12/22 1	2:00 pm
AS ID#	Parameter		Result	PQL	MDL	Units	DF	Method			ollected		
-10140 -10106	OIL AND GREASE 5-Day BOD Test		411 1490	2.5	1.3	mg/L	1,0	1664 SM5210 B	On the latest the late	Analyzec 1/14/22	ADL.	Batch (	Comment

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 exhibited within specified limits of precision and accuracy during routine laboratory operating conditions.



Burlington, WA Corporate Laboratory (a) 1600 S Warmat St. - Burlington, WA 95220 - 600,755,9285 - 501-757, 1400

Bellingham, WA Microbiology (b) 825 Outland Dr Ste 4 - Belingham, WA 98225 - 380,716,1212

Portland, OR Microbiology/Chemistry (c) 5/25 SW Commerce Cr Ste A2 - Wilsoniels, OR 57070 - 503,682,7802

Corvallis, OR Microbiology/Chemistry (d) 1 MB NE Crole Blvd, Ste 130 - Cervalls, OR 97330 - 541,763,45-6

Bend, OR *Microbiology* (e) 20332 Empire Blvd Ste 4 - Bend, CR 97701 - E41,63E,8425

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:

Thomas I Hal

Sample De	escription: Edison School	Pump Vault						Directo	or of Labora	Henderson, Pitories, Vice P	resident
Lab	Number: 44609	Sample Comment:						Matrix WW		Date: 7/13/22 d By: SE	11:30 am
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab Ana	alyzed Analys		•
E-10140 E-10106	OIL AND GREASE	29.6	2.5	1.3	mg/L	1,0	1664	a 7/20		1664_220719	Comment
E-10106	5-Day BOD Test	299	1.0		mg/L	1,0	SM5210 B	a 7/19/	22 MSO	BOD_220714	
	scription: Cafe Septic O Number: 44610	utlet Sample Comment:						Matrix WW	Sample D	Date: 7/13/22	11:40 am
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab Ana	lyzed Analysi		C
E-10140	OIL AND GREASE	37.5	2.5	1.3	mg/L	1.0	1664	8 7/21/	- New York	1664_220721	Comment
E-10106	5-Day BOD Test	. 221	1.0		mg/L	1.0	SM5210 B	a 7/19/2		BOD_220714	
	scription: Mariposa Pum Number: 44611	p Chamber Sample Comment:	-					Matrix WW		ate: 7/13/22	12:05 pm
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab Anal	Collected	-	
-10140	OIL AND GREASE	29.3	2.5	1.3	mg/L	1.0	1664	a 7/21/2	yzed Analyst  2 ADL		Comment
-10106	5-Day BOD Test	287	1.0		mg/L	1.0	SM5210 B	a 7/19/2		1664_220721 BOD_220714	
	cription: Tweets Septic Number: 44612	Outlet Sample Comment:						Matrix WW		ate: 7/13/22	12:20 pm
AS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab Anal	Collected		
-10140	OIL AND GREASE	97.5	2.5	1.3	mg/L	1.0	1664		yzed Analyst		Comment
-10106	5-Day BOD Test	392	1.0		mg/L	1.0	SM5210 B	a 7/21/22 a 7/19/22		1664_220721 BOD 220714	

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.



Burlington, WA Corporate Leboratory (a) 1620 S Wallast St. - Surflagton, WA 99233 - 890,759,9285 - 390,757,1430

Bellingham, WA Microbiology (b) 826 Ordrard Dr Ste 4 - Bellingham, WA 98225 - 389,715,1212

Portland, OR Microbiology/Chemistry (c) 5725 SW Commerce Cr Ste AZ - Walsonato, OR 57670 - 503,672,7842

Corvallis, OR Microbiology/Chemistry (d)
1189 NE Ords Blvd Ste 100 - Corvalus, OR 97350 - 541,755 4946

Bend, OR Microbiology (e) 20332 Smpre Bhd Ste 4 - Bend, OR 97701 - 541 639.8426

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:

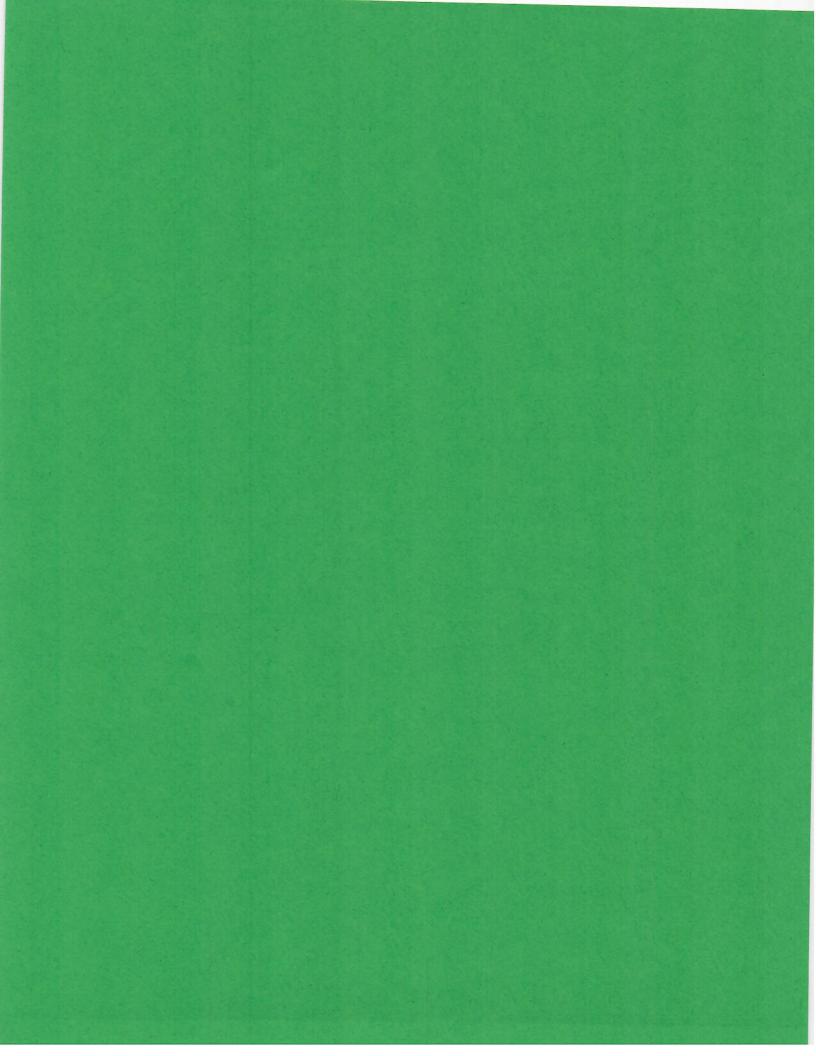
										Alexander	Johnstown	
Sample De	escription: Breadfarm	Grease Outle	<b>A</b>						La Director	wrence J I of Labora	lenderson, Pl tories, Vice P	nD resident
Lat	Number: 44811	Sample C							Matrix W	Sample D	Date: 7/14/22	
CAS ID#	Parameter		Result	PQL	MDL	Units	DF	Method	Lab Anal	Collected		
E-10140	OIL AND GREASE		720	2.5	1.3	mg/L.	1,0	1664		yzed Analyst		Commen
E-10106	5-Day BOD Test		1960	1.0		mg/L	1.0	SM5210 B	a 7/21/2	at Allenda	1664_220721 BOD_220714	
	scription: Breadfarm Number: 44812	Septic Outlet Sample Co	mment:						Matrix W		ate: 7/14/22	9:00 am
CAS ID#	Parameter		Result	PQL	MDL					Collected	Ву:	
E-10140	OIL AND GREASE		2360	2.5		Units	DF	Method	Lab Analy	zed Analyst	Batch	Comment
E-10106	5-Day BOD Test		>4255		1.3	mg/L	1.0	1664	ə 7/21/22	ADL	1664_220721	
			~4200	1.0		mg/L	1.0	SM5210 B	a 7/19/22	MSO	BOD_220714	
	scription: Longhorn S Number: 44813	Septic Outlet Sample Co	mment:					The second of th				9:00 am
CAS ID#	Parameter		Result	PQL	MOI					Collected	Ву:	
-10140	OIL AND GREASE			-	MDL	Units	DF	Method	Lab Analy	zed Analyst	Batch	Comment
-10106	5-Day BOD Test		322	2.5	1.3	mg/L	1.0	1664	a 7/21/22	ADL	1664 220721	

	scription: Longhorn Number: 44813	Septic Outlet Sample Comment:						Matrix	100		ate: 7/14/22	9:00 am
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	lab		Collected		
E-10140	OIL AND GREASE	322	2.5	1.3		-		Lab	Analyz	ed Analyst	Batch	Comment
E-10106	5-Day BOD Test	1600	1.0		mg/L	1.0	1664	а	7/21/22	ADL	1664_220721	
			1.0		mg/L.	1.0	SM5210 B	a	7/19/22	MSO	BOD_220714	

Lab	scription: Edison Inn Number: 44814	Sample Comment:						Matrix 1			ate: 7/14/22	10:15 an
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	0.4			llected		
E-10140	OIL AND GREASE	198	2.5		Office	Ur	Method	Lab	Analyzed	Analyst	Batch	Commen
E-10106	5-Day BOD Test	653		1.3	mg/L	1.0	1664	а	7/21/22	ADL	1664_220721	
		000	1.0		mg/L	1.0	SM5210 B	а	7/19/22	MSO	BOD 220714	

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PQL = Practical Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine taboratory operating conditions.



# For 2023 Artronmts Prior Year Pumping Pumping During 2022

	2/1/2022	2/1/2022 7/18/2022 7/27/2022 8/23/2022	7/27/2022	8/2/2022	8/23/2022	TOTAL
Longhorn	\$1,330		\$720	\$720		\$2,770
Edison School		\$1,443				\$1,443
Breadfarm			\$810	\$720		\$1,530
Mariposa				\$720	\$445	\$1,165
Tweets				\$720		\$720

Signature .

TH	E DRAIN	DOCTOR	• Since 197	37844 19 • Licensed & Bonded
· Dra · Sev · Vid · Sey · Hig	2 milwood Drive	· Bow, WA 98232 · (3 ling · Septic Tank Pum ctions	360) 757-3017 · Conping	tractor Lic. #DRAIND*055DF Page of
CUSTOMER'S ORDER NO.	PHONE	E-MAIL	CELL	STARTING DATE
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TOD NAME & LOCATION				JOB PHONE
TECHNICIAN	TECHN	NICIAN ASSISTANT	OTHER	

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ATE COMPLETED	WORK ORDERED BY	TOTAL AMOUNT	\$ /	225
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I hereby acknowledge the satisfactory completion of the above described work.

☐ No one home

☐ Total amount due

for above work or:

☐ Total billing to be mailed after completion

of work

Signature .

THE DRAIN DOCTOR • Since 1979 •

DATE OF ORDER

38727 Licensed & Bonded

☐ Total billing to be mailed after

completion

of work

for above work or:

14062 Hillwood Drive · Bow, WA 98232 · (360) 757-3017 · Contractor Lic. #DRAIND\*055DH

- · Drain & Sewer Cleaning · Septic Tank Pumping
- Sewer Line Repair
- · Video Pipeline Inspections

Septic Inspections

· High Pressure Line Jetting · Septic / Sewer Inspection

P	age	 of	

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## ---- DRAINI DOCTOR

THE	UKAIN D	OCTOR	• Since 1979		38823
Drain	Hillwood Drive · Bo & Sewer Cleaning · r Line Repair	W MA DODDO 100	01	actor Lic	Licensed & Bonde : #DRAIND*055D
· Video · Septic	Pipeline Inspections			Page _	of
· Septic CUSTOMER'S ORDER NO.	Pressure Line Jetting // Sewer Inspection		DATE OF	ORDER	
PULTO #2016	PHONE	E-MAIL	CELL		STARTING DATE
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			TOTAL MATERIALS		
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INANCE CHARGE OF 1 5 00 MET				4	1001

Total billing to be mailed after completion of work

THE DRAIN DOCTOR • Since 1979 • 38838 Licensed & Bonded 14062 Hillwood Drive · Bow, WA 98232 · (360) 757-3017 · Contractor Lic. #DRAIND\*055DH · Drain & Sewer Cleaning · Septic Tank Pumping · Sewer Line Repair · Video Pipeline Inspections Page \_\_\_\_ of \_\_\_\_ · Septic Inspections · High Pressure Line Jetting DATE OF ORDER · Septic / Sewer Inspection CUSTOMER'S ORDER NO. PHONE E-MAIL CELL PU# 22/6 STARTING DATE Edism Sub Area **ADDRESS** TIME STARTED CITY TIME ENDED JOB NAME & LOCATION JOB PHONE TECHNICIAN **TECHNICIAN ASSISTANT** OTHER PER UNIT TOTAL TOTAL MATERIALS TOTAL LABOR SUB TOTAL DATE COMPLETED

FINANCE CHARGE OF 1.5 % NET 30 DAYS

No one home

☐ Total amount due for above work or:

TOTAL AMOUNT

Total billing to be mailed after completion of work

WORK ORDERED BY

THE DRAIN DOCTOR

• Since 1979 •

38881 Licensed & Bonded

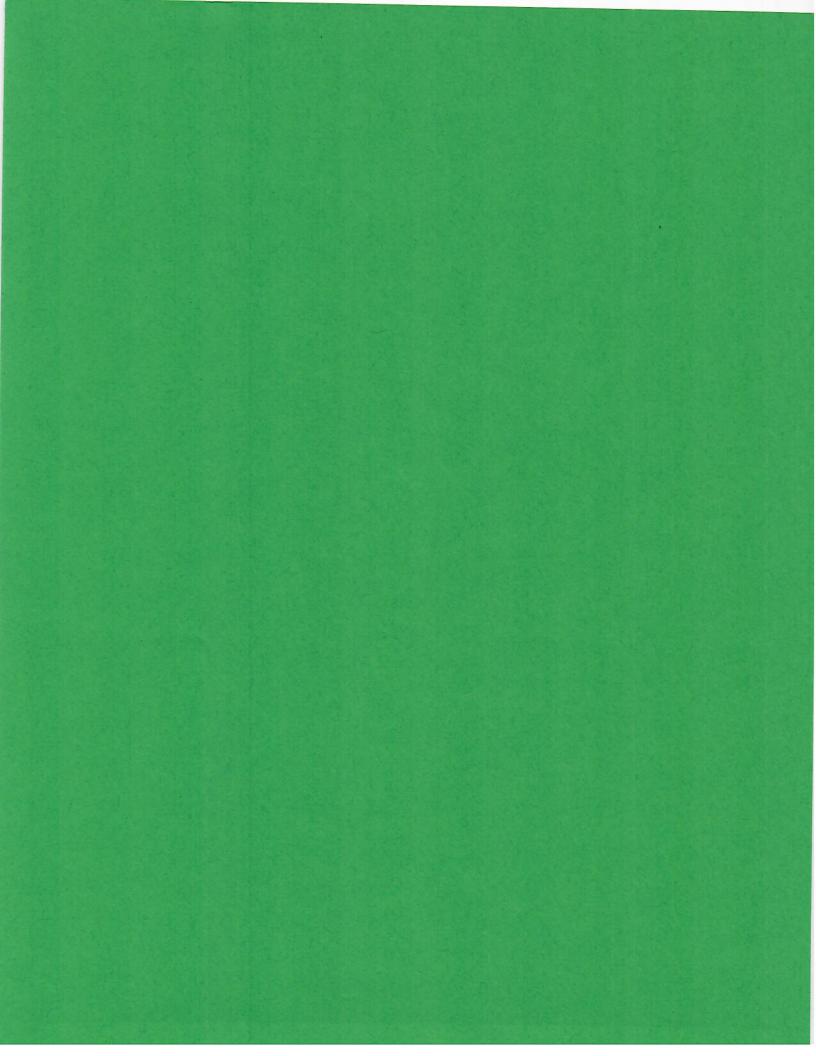
14062 Hillwood Drive · Bow, WA 98232 · (360) 757-3017 · Contractor Lic. #DRAIND\*055DH

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Sewer Line Repair

· Video Pipeline Inspections

· Sep	eo Pipeline Inspection otic Inspections h Pressure Line Jettir	20	[r	Pag DATE OF ORD	ge _ 2 d	of S
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	pup &	Per Repair	65.	0541		445
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2	pung f	Eve Repair	65.	0941		445
A 292	pung f	Pere Repair	65	0941		445
D 192	pung g	Per Repair	65	0541		445
19 <sup>2</sup>	pung g	Por Repair	65.	2941		445
192 Assess	pung f	Per Repair	65	0941		445
1923 A3858	pung g	Per Repair	65.	0941		445
1923 A3858	pung f	Por Repair	65	2941		445
1927 A33CSS	pung f	Repair	65	0941		445
19 <sup>2</sup> A3355	pung g	Por Repair	65.	2941		445
1923 A3855	pung g	Por Repair	TOTAL MA			445
19 <sup>2</sup> A3555	pung g	Por Repair	TOTAL MA			445
192 A 3858	pung f	Por Repair	TOTAL MA	TERIALS		445
TE COMPLETED	WORK ORDER		TOTAL MA	TERIALS L LABOR		445



## Edison Clean Water District Assessment Attributable to FLOW Year 2023 Assessment

**FLOW** 

## Residential Calculations (per Policy 2006-2)

57 Active Residential Connection

Daily flow per connection = 135 gallons

Total annual flow per residential connection = 49,275 gallons

Total annual flow for all residential connections = 2,808,675 gallons

Commercial Calculations				1 ERU Gal	
Customer	GPD	Annualized	Percentage	49,275 ERU	Prior Yr ERU
Café	47	17,155	1.83%	0.35	0.36
Longhorn	471	171,915	18.37%	3.49	4.39
Breadfarm	412	150,380	16.07%	3.05	2.95
Tweets	34	12,410	1.33%	0.25	0.19
Mariposa	95	34,675	3.71%	0.70	0.57
Edison Inn	446	162,790	17.39%	3.30	2.15
Edison School	1,059	386,535	41.30%	7.84	4.22
Total		935,860			
Total Residential Flow		2,808,675	75%		79%
Total Commercial Flow TOTAL		935,860 3,744,535	25%		21%

## BOD

## Edison Clean Water District Assessment Attributable to BOD Year 2023 Assessment

Residential Calculations (per Policy 2006-2)

57 Active Residential Connection

BOD per residential connection = 230 mg/L

1 gallon = 3.78 liters

57 connections flowing 2,808,675 gallons per year = 10,616,791 liters per year

Total residential BOD loading = 2,441,861,930

## Commercial Calculations

Customer	Liters	BOD Avg	BOD Loading	Percentage	Prior Yr.
Café	64,746	194	12,539,142	0.52%	1.35%
Longhorn	647,801	1,287	833,719,887	34.25%	49.91%
Breadfarm	567,263	1,047	593,924,361	24.40%	22.03%
Tweets	46,438	286	13,296,747	0.55%	0.38%
Mariposa	130,733	335	43,839,133	1.80%	1.44%
Edison Inn	614,230	985	605,221,293	24.86%	20.16%
Edison School	1,457,144	228	331,743,117	13.63%	4.73%
Total		4,362	2,434,283,681		
Total Residenti	al BOD Load	2,441,861,930	50%		61%
A CANTON DEL TOTAL DE CONTRACTOR DE LA CONTRACTOR DE CONTR	ial BOD Load	2,434,283,681	50%		39%
TOTAL		4,876,145,611			

	ВС	D Testing Results f	or Year	2022	Prior
Customer	1/20/22	4/20/22	7/26/22	AVG	AVG
Café	141	219	221	194	312
Longhorn	661	1,600	1,600	1,287	941
Breadfarm	380	801	1,960	1,047	619
Tweets	295	172	392	286	165
Mariposa	410	309	287	335	210
Edison Inn	813	1,490	653	985	776
Edison School	259	125	299	228	93

## **FOG**

## Edison Clean Water District Assessment Attributable to FOG Year 2023 Assessment

Residential Calculations (per Policy 2006-2)

57 Active Residential Connection

FOG per residential connection = 20 mg/L

57 connections flowing 10,616,791 liters = FOG loading of 212,335,820

## Commercial Calculations

Customer	Liters	FOG Avg.	FOG Loading	Percentage	Prior Yr.
Café	64,746	37	2,363,229	0.48%	0.96%
Longhorn	647,801	234	151,607,027	30.75%	38.55%
Breadfarm	567,263	277	157,339,847	31.92%	7.93%
Tweets	46,438	48	2,227,476	0.45%	0.10%
Mariposa	130,733	45	5,830,692	1.18%	0.72%
Edison Inn	614,230	226	138,631,711	28.12%	50.53%
Edison School	1,457,144	24	34,971,456	7.09%	1.22%
Total		890	492,971,439		
Total Residenti	al FOG Load	212,335,820	30%		200
Total Commerc	ial FOG Load	492,971,439	70%		36% 64%
TOTAL		705,307,259			0470

	FO	G Testing Results for	or Year	2022	
Customer	1/20/22	4/20/22	7/26/22	AVG	-134
Café	24.0	48.0	37.5	36.5	53.4
Longhorn	73.1	307.0	322.0	234.0	175.
Breadfarm	51.1	61.0	720.0	277.4	53.7
Tweets	20.2	26.2	97.5	48.0	10.2
Mariposa	33.3	71.2	29.3	44.6	25.3
Edison Inn	68.1	411.0	198.0	225.7	469.
Edison School	33.6	8.8	29.6	24.0	5.8

# Edison Clean Water District Assessment SUMMARY for Year 2023 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

						\$69,510.02	Total 9						
\$102,338.59	\$89,127.02	\$7,628.00		\$3,989.00	\$8,000.00	\$24,433.01		\$28,266.92		\$16,810.09		Total All Customers	
\$55,808.59	\$48,677.02	\$7,628.00		\$1,139.00	\$8,000.00	\$14,833.01		\$12,266.92		\$4,810.09		Total	
\$9,163,15	\$9,539.53	** \$1,443.00	*	\$500.00	\$1,000.00	\$1,684.21 **	7.09%	13.63% \$2,807.02 **	13.63%	41.30% \$2,105.30 **	41.30%	4.08 Edison School	4.0
\$15,870.56	\$8,545.36	\$0.00		\$172.00	\$1,000.00	\$3,895.36	28.12%	24.86% \$2,782.40	24.86%	\$695.60	17.39%	3.44 Edison Inn	3.4
\$1,816.31	\$3,850.17	\$1,165.00	*	\$50.00	\$1,000.00	\$831.04	1.18%	\$593.60 *	1.80%	\$210.53 *	3.71%	0.83 Mariposa	0.8
\$1,816.31	\$2,559.15	\$720.00	*	\$50.00	\$1,000.00	\$297.92	0.45%	\$280.70 *	0.55%	\$210.53 *	1.33%	0.32 Tweets	0.3
\$7,867.26	\$10,514.68	\$1,530.00		\$171.00	\$2,000.00	\$3,599.68	31.92%	24.40% \$2,571.20	24.40%	\$642.80	16.07%	3.42 Breadfarm	3.4
\$17,458.69	\$11,704.88	\$2,770.00		\$146.00	\$1,000.00	\$4,114.88	30.75%	34.25% \$2,939.20	34.25%	\$734.80	18.37%	2.92 Longhorn	2.5
\$1,816.31	\$1,963.25	\$0.00	*	\$50.00	\$1,000.00	\$409.92	0.48%		0.52%	\$210.53 *	1.83%	0.51 Café	0.:
						Dollars	Percentage	Dollars	Percentage	Dollars	Percentage	ERU	ER
\$46,530.00	\$40,450.00		00	\$2,850.00		\$9,600.00		\$16,000.00		\$12,000.00		Total Residential Fees	
\$816.32	\$709.65		5	\$50.00		\$168.42		\$280.70		\$210.53		5/ Kesidentiai	
Prior	TOTAL 2023	Prior Yr. Pumping	<b>=</b>	Computer Replacement	Commercial Testing Fee	FOG Charge		BOD Charge		FLOW Charge			
						\$22,400	70%	\$16,000	50%	\$4,000	23%	Commercial	
						\$9,600	30%	\$16,000	50%	\$12,000	75%	Commercial	
						Dollars	Percentage	Dollars	Percentage		Percentage	:	
						\$32,000	\$32,	\$32,000	\$32	\$16,000	\$16		
						FOG	FC	BOD	В	Flow	F		