



## AGENDA

### MOLALLA CITY COUNCIL WORK SESSION

April 12, 2023

6:00 PM

Molalla Civic Center

315 Kennel Ave, Molalla, OR 97038

*Mayor Scott Keyser*

*Council President Jody Newland  
Councilor Terry Shankle  
Councilor Eric Vermillion*

*Councilor Leota Childress  
Councilor Crystal Robles  
Councilor RaeLynn Botsford*

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*In accordance with House Bill 2560, the City of Molalla adheres to the following practices:  
Live-streaming of the Molalla City Council Meetings are available on Facebook at “Molalla City Council Meetings – LIVE” and “Molalla City Council Meetings” on YouTube.  
Citizens can submit Public Comment in the following ways: attend the meeting, email the City Recorder @ [recorder@cityofmolalla.com](mailto:recorder@cityofmolalla.com) by 4:00pm on the day of the meeting, or drop it off at City Hall, 117 N. Molalla Avenue.*

#### 1. CALL TO ORDER AND ROLL CALL

#### 2. DISCUSSION ITEMS

- A. Police Department – Public Service Announcement
- B. Public Works – Updating Equivalent Dwelling Units (EDU's) for Commercial Users.....Pg. 2

#### 3. ADJOURN

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*Agenda posted at City Hall, Library, and the City Website at <http://www.cityofmolalla.com/meetings>. This meeting location is wheelchair accessible. Disabled individuals requiring other assistance must make their request known 48 hours preceding the meeting by contacting the City Recorder's Office at 503-829-6855.*

**Molalla City Council**  
**WORK SESSION BRIEF**  
**April 12<sup>th</sup>, 2023**

**UPDATING EQUIVALENT DWELLING UNITS FOR COMMERCIAL USERS IN MOLALLA, OREGON**

BACKGROUND:

The City of Molalla, Oregon currently determines the number of Equivalent Dwelling Units (EDU) for sewer usage based on the number of physical dwelling units (DU) installed. This method results in some customers being charged more or less than their actual usage, creating an imbalance. The City has determined that it needs to update its EDU calculation process to ensure that all customers are being billed fairly.

NEW POLICY:

A sample Resolution has been prepared to explain the corrected approach, attached as [Exhibit A](#). While this Resolution need not be adopted (unless the Council wishes it), it does set forth new policy in clear language to facilitate the discussion.

PROPOSED PROCESS:

1. Council Work Session - staff report explaining the issue with the current EDU calculation process is attached [Exhibit B](#).
2. Letter to customers - explaining the changes in [Exhibit C](#).
3. Account Updates - On July 1<sup>st</sup>, 2023, the City will begin implementing the new EDU calculations.
4. Monitor and Correct - impact of these changes on affected customers can be addressed as issues arise.

Deeper Dive:

The evidence supporting the claim that the new policy will result in a more equitable distribution of sewer usage charges can be found in the list of potentially affected accounts, in [Exhibit D](#). These numbers are based on 2021 values for the purpose of planning. Actual changes will reflect the latest winter averaging that ended in March. For details on how the accounting system is being queried for this effort and the specific criteria for the database operations used, see [Exhibit E](#).

CONCLUSION:

The implementation of this new policy and process will ensure that all customers in Molalla are billed fairly for their sewer usage. Finally, [Exhibit F](#) shows the impact of this change on sewer rates over the next 5 years, lowering the average bill citywide.

Exhibit A



**RESOLUTION NO. 2021-xx**

**A RESOLUTION OF THE CITY OF MOLALLA, OREGON**

**DEFINING AN EQUIVALENT DWELLING UNIT FOR SEWER BASE CHARGES**

**WHEREAS**, the monthly winter average sewer usage of a single family residence in Molalla is known from meter and billing records to be 550 cubic feet, and

**WHEREAS**, the US EPA has established the definition of an Equivalent Dwelling Unit (EDU) to be the amount of Wastewater a single family residents contributes to the wastewater system on an average month in the winter (November 1st thru March 31st), and

**WHEREAS**, an imbalance has been determined to be in place between the number of EDU being charged to certain non-residential customers and their actual winter average usage of the sewer system,

**Now, Therefore, the City of Molalla Resolves as follows:**

- Section 1.** Sewer EDU for the purposes of determining Base Charges shall be a customer’s winter monthly average divided by the 550 cubic feet.
- Section 2.** For Multi-Family or commercial customers with livable dwelling units (DUs) spaces the number of EDUs charged may be less than the number of physical dwelling units (DU) by no more than 15%.
- Section 3.** The number of EDU charged can be revised once per year if (1) the City determines a significant change in a customers’ actual Winter Average and current EDU being billed, or (2) at the customer’s request during the month of July,
- Section 4.** Commercial and Industrial users may receive EDU charges based on other considerations, but only through a Special Agreement as determined by the City Manager. For the purposes of this section, a Pretreatment Permit issued by the City under MMC 13.08.550 is considered a Special Agreement.
- Section 5.** The Effective date of this resolution shall be July 1<sup>st</sup> 2023.

Signed this XX day of MONTH 2023.

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Scott Keyser, Mayor

ATTEST:

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Exhibit B



## CITY OF MOLALLA

117 N. Molalla Avenue  
PO Box 248  
Molalla, OR 97038

### Staff Report

### Agenda Category: Consent Agenda

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**Agenda Date:** Month DD, YYYY

**From:** Community Development Dept

**Approved by:** Dan Huff, City Manager

**SUBJECT:** Resolution Defining an Equivalent Dwelling Unit for Sewer Base Charges

**FISCAL IMPACT:** Increase in sewer base fee revenue to the City, initially about 100 EDU, mostly from medium and larger commercial users. Reduction in base fee charges to some smaller commercial users, and some multi-family users. No impact to Single Family Residential users.

**RECOMMENDATION/RECOMMEND MOTION:** adopt Resolution Number XX-YY as presented.

**BACKGROUND:** A "Dwelling Unit" (DU) is defined as "A single unit providing complete, independent living facilities for one or more persons, including permanent provisions for living, sleeping, cooking, eating, and sanitation".<sup>1</sup> The Term "Equivalent Dwelling Unit" (EDU) as applied to Sewer Usage is defined as "the amount of Wastewater a single family residents contributes to the wastewater system on an average month in the winter (November 1<sup>st</sup> thru March 31<sup>st</sup>)"<sup>2</sup>. By this definition one EDU can be measured. In Molalla it is 550 cubic feet per month.<sup>3</sup>

EDU is used to determine how much of the sewer system a customer uses for the purposes of the Base Charge. The Base Charge is intended to be the same each month and represents the fixed costs associated with owning the treatment and collection system. The 2018 Wastewater Facility Master Plan noted that at the time of its writing all residential and commercial users were being billed the same base rate. Commercial and industrial users were all assigned one EDU, not multiple EDU based on their hydraulic or organic contribution.<sup>3</sup> In 2020 The City adopted Resolution 2020-05 to correct this finding, but the resolution did not formally define an EDU.

Currently EDU is being determined for Multi-Family accounts by the number of actual dwelling units (DU) installed. For example, an apartment complex with 75 DU is 75 EDU, even if their winter average usage is far less than 75 EDU. Other customers such as certain fast-food restaurants are considered to be only 1 EDU, even though their winter average sewer usage far exceeds that, while other fast-food restaurants are considered to be multiple EDU even though their usage is much less. Some large commercial and industrial users are being charged EDUs that were determined many years ago through unknown methodology, and which have become disproportionate to their actual usage. Some smaller commercial

users and businesses are being charge multiple EDUs even though they use almost no water at all. Finally, some commercial customers are of a nature that special agreements should be arranged (in the form of pre-treatment permits) to determine their EDU fairly.

These issues can be resolved by formally **determining that an EDU is 550 cubic feet per month for non-single family residential users**, and then setting the number of EDUs based their winter average water usage. After simulating the change for the roughly 300 non-residential accounts the general result is expected to be (1) a reduction in the sewer costs for many multifamily customers, (2) an increase in costs for industrial and commercial users that use large quantities of water (3) a reduction in costs for commercial businesses that use very little water. The total number of EDUs billed by the City each month is expected to increase by about 100 EDU from the effort. Provisions have been made in the resolution to avoid unintended consequences by capping the amount of EDU that can be reduced for a given DU configuration, and limiting when EDU shall be recalculated for a given user.

<sup>1</sup>2021 International Building Code (IBC)

<sup>2</sup>City of Molalla 2019 SDC Rate Study, p. 15

<sup>3</sup> This average is close to what the EPA uses (600 cf), what Molalla's previous rate studies have found (between 515 and 550 cf), and what many other Cities who use this method have found for their systems. For Molalla, from all customers with "Residential IC" accounts, the sum of winter usage is 1354112 cubic feet; Average: 572.3214 cubic feet; Standard "Population" Deviation: 410.8721. Designating a three-sigma cutoff (1804.938) removes 34 customers with usages high enough to consider statistical outliers. The monthly average usage of the remainder is 544.4708. All numbers were determined via direct SQL query to Molalla's accounting system for the winter of 2021/22. According to the 2019 SDC Rate Study, this average is nearly the same in other years, and the is expected to remain the same through the planning horizon, 2043 since a single family home's normal water usage in the United States has not been observed to change very much.

<sup>4</sup>City of Molalla 2018 Wastewater System Master Plan, section 2-60.

Exhibit C





[Customer Name]  
[Customer Address]  
[City, State, ZIP]

Subject: Changes to Sewer Billing - Equivalent Dwelling Units (EDU) Calculation

Dear [Customer Name],

We are updating the EDU calculation process for non-single family residential customers in Molalla to ensure a fairer distribution of sewer usage charges. The new policy will base EDUs on winter average water usage instead of the current dwelling unit method.

Your current winter average water usage is [X] cubic feet per month, resulting in a new EDU count of [Y] EDUs. This will [increase/decrease] your sewer charges from [current charge] to [new charge] per month.

For questions or concerns, please contact our customer service team at [phone number] or [email address].

Thank you for your understanding and cooperation.

Sincerely,

[Your Name]  
[Your Title]  
City of Molalla, Oregon

Exhibit D

winterAverage	Projected	EC current	Se NeedsAdj	WaterServiceType	Name	SecondaryName	CustomerType	ServiceAddress
30179.4	43.113429	2	41	Water - Comm - 1.5" - IC	OREGON ICE COMPANY LLC		Commercial IC	201 DIXON AVENUE
43029.6	61.470857	32	29	Water - Comm - 2" - IC	SAFEWAY INC MOLALLA #1751		Commercial IC	1525 W MAIN ST
10222	14.602857	1	14	Water - Comm - 2" - IC	BEAR CREEK MEMOR\ FELICIA VUSCAN		Multi-Family	250 KENNEL AVENUE
9561	13.658571	1	13	Water - SM Industry - 3" - IC	MOLALLA AQUATIC DISTRICT		Institutional/Govern	432 FRANCES STREET
8801.6	12.573714	1	12	Water - Comm - 1.5" - IC	MOLALLA CAR WASH		SM Industry	524 W MAIN STREET
17979.4	25.684857	17	9	Water - Comm - 1.5" - IC	MOLALLA MARKET CT MICHELLE ESTEP - micl		Commercial IC	1515 W MAIN STREET
6719.2	9.5988571	1	9	Water - Comm - 2" - IC	SCANDIA USA INC		Commercial IC	535 W MAIN STREET
7313.6	10.448	1	9	Water - Comm - 3/4" - IC	THE SPOT AGAIN INC		Commercial IC	117 S MOLALLA AVENUE
6498	9.2828571	1	8	Water - Res - Single 3/4" - IC (1:	MOLALLA ACE HARDWARE #3600		Commercial IC	107 ROBBINS AVENUE
4841	6.9157143	1	6	Water - Comm - 1.5" - IC	MSRE LLC SHUHOLM, MARK		Commercial IC	291 COMMERCIAL PKWY
4547.8	6.4968571	1	5	Water - Comm - 3/4" - IC	715200 PACIFIC BELLS TACO BELL		Commercial IC	1575 W MAIN STREET
4087.2	5.8388571	1	5	Water - Comm - 1.5" - IC	MOLALLA COMMUNICATIONS		Commercial IC	176 GRANGE AVE
4383.8	6.2625714	1	5	Water - Comm - 3/4" - IC	US BANK C/O ECOVA, INC - MS		Commercial IC	415 CENTER AVENUE
4257.6	6.0822857	2	4	Water - Comm - 3/4" - IC	APPLETON, ROB AND HENDY		Commercial IC	410 E MAIN STREET
3437.8	4.9111429	1	4	Water - Comm - 3/4" - IC	EL CHARRITO Landlord: Deardorff's		Commercial IC	117 E MAIN STREET
3570.6	5.1008571	1	4	Water - Comm - 1" - IC	LINCOTEK MEDICAL LLC		Commercial IC	221 COMMERCIAL PKWY
3922	5.6028571	2	4	Water - Comm - 1.5" - IC	MOLALLA PROPERTIES LLC		Commercial IC	260 N MOLALLA AVENUE
2784.6	3.978	1	3	Water - Comm - 3/4" - IC	CARTER FROST LLC TRENT AND LORRY CLI		Commercial IC	122 SHAVER AVENUE
5008	7.1542857	4	3	Water - Comm - 2" - IC	MOLALLA MARKET CT MICHELLE ESTEP (micl		Commercial IC	1585 W MAIN ST
3954.2	5.6488571	3	3	Water - Multi Family .75" - IC	24/7 PROPERTIES LLC		Multi-Family	825-827-829 N MOLALLA AVENUE
19912.4	28.446286	25	3	Water - Multi Family .75" - IC	ARBOR TERRACE APAIZIMMERMAN, MARSH		Multi-Family	127 N COLE AVENUE
12648	18.068571	15	3	Water - Multi Family 2" - IC	KERLEY PROPERTIES LLC		Multi-Family	317 E HEINTZ STREET
2138.6	3.0551429	1	2	Water - Comm - 3/4" - IC	BORROMEO, AL AND NW ISLAND PROPERTI		Commercial IC	180 INDUSTRIAL WAY
2309.8	3.2997143	1	2	Water - Comm - 3/4" - IC	CATERPILLAR CLUBHC AMBER GOBET		Commercial IC	118 E MAIN STREET
2081	2.9728571	1	2	Water - Comm - 1.5" - IC	MOLALLA SANITARY S Landlord: Ruthann Ste		Commercial IC	508 SHAVER AVENUE
1854.4	2.6491429	1	2	Water - Res - Single 3/4" - IC (1:	PEAK ASSET MANAGE KELLY GILL		Commercial IC	123 S MOLALLA AVENUE
2392.2	3.4174286	1	2	Water - Comm - 3/4" - IC	STUDIO M BEAUTY BAR AND BARBER		Commercial IC	102 N MOLALLA AVENUE
1761	2.5157143	1	2	Water - Comm - 3/4" - IC	SUNDOWNER LL: EJK Associates LLC		Commercial IC	115 W MAIN STREET
2765.2	3.9502857	2	2	Water - Res - Single 3/4" - IC (1:	BMS PROPERTIES INC		Multi-Family	122 KENNEL AVENUE
3525.4	5.0362857	3	2	Water - Multi Family .75" - IC	ROGERS, RANDAL AND CARISA		Multi-Family	147 SHIRLEY STREET
2504	3.5771429	2	2	Water - Multi Family .75" - IC	YOUNG, JUSTIN & MARIA		Multi-Family	313-315 LOLA AVENUE
1100.8	1.5725714	1	1	Water - Comm - 3/4" - IC	438500 FIRST GROUP MAIL STOP #3		Commercial IC	1400 TOLIVER ROAD
1556.8	2.224	1	1	Water - Comm - 3/4" - IC	ALL TAP LLC RYAN GENGLER		Commercial IC	106 E MAIN STREET
1061.4	1.5162857	1	1	Water - Comm - 3/4" - IC	AUTOTECH NW		Commercial IC	203 N MOLALLA AVENUE
2055.6	2.9365714	2	1	Water - Comm - 3/4" - IC	BIG BURGER DRIVE-IN		Commercial IC	31465 S HWY 211
1382.6	1.9751429	1	1	Water - Comm - 3/4" - IC	COWBOY COFFEE Owners: Scott & Anne		Commercial IC	806 E MAIN STREET
1646	2.3514286	1	1	Water - Comm - 3/4" - IC	DEARDORFF 3-D LLC		Commercial IC	104 W MAIN STREET
1621.6	2.3165714	1	1	Water - Comm - 3/4" - IC	JD PETERKIN CO. JOHN W PETERKIN, JR		Commercial IC	122 N MOLALLA AVENUE

1649.8	2.3568571	1	1	Water - Comm - 3/4" - IC	LAM'S CHINESE KITCH	Landlord: Yeuk Shun Li	Commercial IC	102 E 2ND STREET
1169.4	1.6705714	1	1	Water - Res - Single 3/4" - IC	(1: PACIFIC FIBRE PRODUCTS		Commercial IC	300 SHAVER STREET
1225.8	1.7511429	1	1	Water - Comm - 3/4" - IC	POE, DENNIS / HARMODIUS PIZZA INC		Commercial IC	115 ENGLE AVENUE
1370.2	1.9574286	1	1	Water - Res - Single 3/4" - IC	(1: SCANDIA USA INC		Commercial IC	525 W MAIN STREET
1215.6	1.7365714	1	1	Water - Comm - 3/4" - IC	THAI YO SUSHI	SMITH, ARTITAYA AND	Commercial IC	106 N MOLALLA AVENUE
1227.8	1.754	1	1	Water - Comm - 1" - IC	THE DENTIST OFF MA LL: Molalla Medical Of		Commercial IC	863 W MAIN STREET
1286.8	1.8382857	1	1	Water - Comm - 3/4" - IC	THE FIVE BRIDGE INN SCOTT AND ANNETTE		Commercial IC	524 E MAIN STREET
1225.6	1.7508571	1	1	Water - Comm - 3/4" - IC	WILDHORSE BAR & GI SARAH QUIER		Commercial IC	112 S MOLALLA AVENUE
1217	1.7385714	1	1	Water - Res - Single 3/4" - IC	(1: CASTANEDA, ROCIO		Multi-Family	957 W MAIN STREET
2365.2	3.3788571	2	1	Water - Res - Single 3/4" - IC	(1: ELLIS, JOY		Multi-Family	806-808 MEADOW DRIVE
1627.8	2.3254286	1	1	Water - Multi Family .75" - IC	LOW, EMELIE	LL: Angie Frye 503-873	Multi-Family	209 LEROY AVENUE
3812	5.4457143	4	1	Water - Multi Family 1.5" - IC	LUFT, IAN AND LAURA		Multi-Family	230 KENNEL AVENUE
2032	2.9028571	2	1	Water - Multi Family 2" - IC	NW MENTAL HEALTH MGMT SERVICES INC		Multi-Family	735 STEWART DR
2071.4	2.9591429	2	1	Water - Multi Family .75" - IC	TIPIKIN, KIPRIAN		Multi-Family	519 S MOLALLA AVENUE
1246	1.78	1	1	Water - Comm - 1.5" - IC	GRACE CHURCH OF M PASTOR JOHN BAKER		Religious Institutions	901 N MOLALLA AVENUE
1614.4	2.3062857	1	1	Water - Comm - 3/4" - IC	MOLALLA CHRISTIAN CHURCH		Religious Institutions	223 BERKLEY AVENUE
1809.6	2.5851429	2	1	Water - Comm - 1" - IC	ST JAMES CHURCH		Religious Institutions	301 FRANCES STREET-1
137.2	1	1	0	Water - Comm - 3/4" - IC	ABBOTT, MARGUERITA		Commercial IC	211 N MOLALLA AVENUE
232.2	1	1	0	Water - Comm - 3/4" - IC	ALL MINE FROZEN YO	Landlord: HSP Propert	Commercial IC	123 ROBBINS STREET
157.2	1	1	0	Water - Comm - 3/4" - IC	ALLEN, TREVOR		Commercial IC	804 E MAIN STREET
235.8	1	1	0	Water - Comm - 3/4" - IC	ALTERNATIVE PHYSICAL THERAPY		Commercial IC	111-113 W MAIN STREET
0.2	1	1	0	Water - Comm - 3/4" - IC	AVISON LUMBER	BILL AVISON	Commercial IC	401 E 5TH STREET
129.6	1	1	0	Water - Comm - 3/4" - IC	B & I CONSTRUCTION INC		Commercial IC	220 W MAIN STREET
139.6	1	1	0	Water - Comm - 3/4" - IC	BACK 40 TATTOO	LL: Ron Saunders 503-	Commercial IC	175 GRANGE AVENUE
71.4	1	1	0	Water - Comm - 3/4" - IC	BENTLEY FEED INC	ASHLEY	Commercial IC	110 N MOLALLA AVENUE
1626.8	2.324	2	0	Water - Comm - 1" - IC	BI-MART #659	Landlord: RCB Investe	Commercial IC	514 W. MAIN STREET
57.4	1	1	0	Water - Comm - 3/4" - IC	BUTTLER, DR BRIAN		Commercial IC	318 E MAIN STREET
115.6	1	1	0	Water - Comm - 1" - IC	BY DESIGN STEEL LLC		Commercial IC	31816 S ONA WAY
256.8	1	1	0	Water - Comm - 3/4" - IC	CARQUEST OF MOLAL	Landlord: Gary Wise 5	Commercial IC	122 S MOLALLA AVENUE
144.4	1	1	0	Water - Comm - 3/4" - IC	CASCADE NW CONST	ANDY MCBRIDE, OWN	Commercial IC	123 ENGLE AVENUE
803	1.1471429	1	0	Water - Comm - 3/4" - IC	CHEPITA'S MEXICAN F	MENDOZA, ADRIANA &	Commercial IC	112 ROBBINS STREET
657.4	1	1	0	Water - Comm - 3/4" - IC	CUTTERS HI-SCHOOL	Manager: Ron Dulwick	Commercial IC	103 ROBBINS STREET
170.6	1	1	0	Water - Comm - 3/4" - IC	DANDIA MOLALLA / TRACY COX		Commercial IC	512 INDUSTRIAL WAY
89.6	1	1	0	Water - Comm - 3/4" - IC	DANSKIN, RODNEY AND ROBIN		Commercial IC	225 N MOLALLA AVENUE
220	1	1	0	Water - Comm - 1.5" - IC	DEARDORFF 3-D LLC		Commercial IC	115 E MAIN STREET
444.2	1	1	0	Water - Comm - 3/4" - IC	DEARDORFF 3-D LLC/NW FITNESS		Commercial IC	112 W MAIN STREET
152.8	1	1	0	Water - Comm - 2" - IC	DOLLAR TREE STORES LL:C&R Real Estate Ser		Commercial IC	140 S LEROY AVE
573.4	1	1	0	Water - Comm - 2" - IC	DONNELLY GOBM INC LL: C&R REAL ESTATE S		Commercial IC	120 S LEROY AVENUE
76	1	1	0	Water - Comm - 1.5" - IC	DOUBLETREES LLC	GARY AND JOAN DEAR	Commercial IC	200 CENTER AVENUE
106.8	1	1	0	Water - Comm - 3/4" - IC	DUER AUTOMOTIVE		Commercial IC	120 METZLER AVENUE
522.8	1	1	0	Water - Comm - 3/4" - IC	EARLY HORIZON DAY	S CHANTEL HOLLIDAY	Commercial IC	201 ENGLE AVENUE
566	1	1	0	Water - Comm - 3/4" - IC	ERICKSON TIRE		Commercial IC	517 N MOLALLA AVE (TIRE)
316.6	1	1	0	Water - Comm - 3/4" - IC	EVERGREEN RESTORATION LLC		Commercial IC	113 S MOLALLA AVENUE
48.4	1	1	0	Water - Comm - 3/4" - IC	EVERGREEN RESTORA	DAVID NICHOLS	Commercial IC	115 S MOLALLA AVENUE

371.4	1	1	0 Water - Comm - 3/4" - IC	FAMILY DENTISTRY	Commercial IC	128 E ROSS STREET
68.2	1	1	0 Water - Comm - 3/4" - IC	FARRENS, CONNIE & PEPPER	Commercial IC	111 S MOLALLA AVENUE
778	1.1114286	1	0 Water - Comm - 3/4" - IC	FIGARO'S PIZZA Landlord: HSP Propert	Commercial IC	119 ROBBINS STREET
42.4	1	1	0 Water - Comm - 3/4" - IC	FITZSIMMONS, JEFF	Commercial IC	117 CENTER AVENUE
474.6	1	1	0 Water - Comm - 3/4" - IC	FOUNTAIN VALLEY DENTAL	Commercial IC	1400 FOUNTAIN WAY
35	1	1	0 Water - Res - Single 3/4" - IC (1:	FREAUUF, JASON	Commercial IC	301 N MOLALLA AVENUE
359.8	1	1	0 Water - Comm - 3/4" - IC	FRED'S FOOD O MART BRAR, HARDEEP SINGH	Commercial IC	102 S LEROY AVENUE
60.2	1	1	0 Water - Comm - 3/4" - IC	FROLOV, SABRINA	Commercial IC	207 S MOLALLA AVENUE
89	1	1	0 Water - Comm - 1" - IC	GARY'S MACHINE SHC LL: Scandia/Mike Roge	Commercial IC	545 W MAIN STREET
480	1	1	0 Water - Comm - 3/4" - IC	GLASS DOCTOR OF M Landlord:GD Real Prop	Commercial IC	202 W MAIN STREET
9	1	1	0 Water - Comm - 3/4" - IC	GREENSTONE II Contact: Diana Nartke	Commercial IC	111 SWEIGLE AVENUE
488.4	1	1	0 Water - Comm - 3/4" - IC	HELMIG TREE FARMS INC	Commercial IC	405 W MAIN STREET
149.2	1	1	0 Water - Comm - 3/4" - IC	HICKSGAS LLC DBA PA Landlord:Walrem Inc 5	Commercial IC	506 INDUSTRIAL WAY
988.6	1.4122857	1	0 Water - Comm - 3/4" - IC	HITCH'IN POST CAFE (GENE'S)	Commercial IC	129 E MAIN STREET
91.8	1	1	0 Water - Comm - 1.5" - IC	HOBART OIL CO LLC HOBART, LLOYD	Commercial IC	112 DIXON AVENUE
209.8	1	1	0 Water - Comm - 3/4" - IC	HOPE ANIMAL HOSPITAL	Commercial IC	319 N MOLALLA AVENUE
207.8	1	1	0 Water - Comm - 3/4" - IC	HUFF, ED AND STEPHANIE	Commercial IC	704 E MAIN STREET
721.4	1.0305714	1	0 Water - Comm - 3/4" - IC	JD PETERKIN CO. JOHN W PETERKIN, JR	Commercial IC	118 N MOLALLA AVENUE
167.6	1	1	0 Water - Comm - 3/4" - IC	JOMOSH, LLC JOI MOSHBERGER	Commercial IC	109 W MAIN STREET
107	1	1	0 Water - Comm - 3/4" - IC	KNIFE RIVER CORPOR. TONYA GILREATH	Commercial IC	13050 S MOLALLA FOREST ROAD
36.4	1	1	0 Water - Comm - 3/4" - IC	KNIFE RIVER CORPOR. TONYA GILREATH	Commercial IC	13050 S MOLALLA FOREST RD/TRUCK SHOP
527.8	1	1	0 Water - Comm - 3/4" - IC	L & K PROPERTIES INC.	Commercial IC	504 SHAVER AVENUE
305.4	1	1	0 Water - Comm - 3/4" - IC	LAS DELICIAS LLC Landlord: HSP Propert	Commercial IC	115 ROBBINS STREET
269.8	1	1	0 Water - Res - Single 3/4" - IC (1:	LEONCIO URIBE DBA T Landlord: Liane & Troy	Commercial IC	304 W MAIN STREET
658	1	1	0 Water - Comm - 1.5" - IC	LES SCHWAB TIRE CENTER	Commercial IC	31291 S HWY 213
91.2	1	1	0 Water - Comm - 3/4" - IC	LUNCEFORD, ROGER I DBA COMBINED BUSIN	Commercial IC	416 N MOLALLA AVENUE
18.4	1	1	0 Water - Comm - 3/4" - IC	MITCHELL, RD LL: Rob Key 503-730-9	Commercial IC	104 CENTER AVENUE
270	1	1	0 Water - Comm - 1.5" - IC	MOLALLA COMMUNICATIONS	Commercial IC	211 ROBBINS STREET
290.2	1	1	0 Water - Comm - 3/4" - IC	MOLALLA FUNERAL CHAPEL	Commercial IC	220 E MAIN STREET
108.4	1	1	0 Water - Comm - 3/4" - IC	MOLALLA GRANGE	Commercial IC	127 GRANGE AVENUE
165.6	1	1	0 Water - Comm - 3/4" - IC	MOLALLA MACHINE S Landlord: Scott & Caro	Commercial IC	203 KENNEL AVENUE
81	1	1	0 Water - Comm - 3/4" - IC	MOLALLA MASONIC LODGE #178	Commercial IC	123 E ROSS STREET
1038.6	1.4837143	1	0 Water - Comm - 3/4" - IC	MOLALLA MINI STOR/ MEGAN TLUSTOS, NSA	Commercial IC	704 W MAIN STREET
140.2	1	1	0 Water - Comm - 3/4" - IC	MOLALLA PLUMBING KEN AND DAVE MCCU	Commercial IC	119 CENTER AVENUE
786.6	1.1237143	1	0 Water - Comm - 3/4" - IC	MOLALLA PROPERTIES LLC	Commercial IC	214 N MOLALLA AVENUE
254.6	1	1	0 Water - Comm - 3/4" - IC	MOLALLA SAW SHOP	Commercial IC	210 N MOLALLA AVENUE
19.8	1	1	0 Water - Comm - 3/4" - IC	MOLALLA SERVICE CENTER	Commercial IC	412 SWEIGLE AVENUE
267.4	1	1	0 Water - Comm - 3/4" - IC	MOLALLA SPINE AND LL: MVSV/Michael Viss	Commercial IC	317 N MOLALLA AVENUE
63.8	1	1	0 Water - Comm - 3/4" - IC	MOLALLA SQUARE SH OLIVA, STEVEN OR TRI	Commercial IC	111 ROBBINS STREET
88.2	1	1	0 Water - Comm - 3/4" - IC	MOLALLA TAX SERVICE	Commercial IC	219 E MAIN STREET
537	1	1	0 Water - Comm - 3/4" - IC	MULINO TRADING LLC HERRERA, JOE	Commercial IC	209 MARSON COURT
14.2	1	1	0 Water - Comm - 3/4" - IC	NW PROFESSIONAL RI Landlord: Doris Pence	Commercial IC	118 ROBBINS STREET
846	1.2085714	1	0 Water - Comm - 2" - IC	OREGON DEPT OF FORESTRY	Commercial IC	14995 S HIGHWAY 211
425.2	1	1	0 Water - Comm - 3/4" - IC	O'REILLY AUTO PARTS BECKY MCCURRY / ACI	Commercial IC	500 W MAIN STREET

284.2	1	1	0 Water - Comm - 3/4" - IC	PACIFIC STAR PROPERTIES	Commercial IC	114 S MOLALLA AVENUE
312	1	1	0 Water - Comm - 3/4" - IC	PACIFIC STAR PROPERTIES	Commercial IC	120 S MOLALLA AVENUE
43.6	1	1	0 Water - Comm - 3/4" - IC	PEE VEE ENTERPRISES SAMANTHA FOSKET	Commercial IC	307 W MAIN STREET
379.2	1	1	0 Water - Comm - 3/4" - IC	PRICE AUTO BODY IN/SCHIOPRROORT, RODI	Commercial IC	114 KENNEL AVE
683.2	1	1	0 Water - Comm - 3/4" - IC	PRICE AUTO BODY INC.	Commercial IC	110 KENNEL AVE
499.2	1	1	0 Water - Res - Single 3/4" - IC (1: PRICE AUTOMOTIVE REFINISHING LLC		Commercial IC	655 STACY LANE
6.6	1	1	0 Water - Res - Single 3/4" - IC (1: PRICE AUTOMOTIVE F Tim or Terry Price		Commercial IC	118 KENNEL AVENUE
235.2	1	1	0 Water - Comm - 1.5" - IC	SAFEWAY, INC. GAS STATION	Commercial IC	1555 W MAIN STREET
482.8	1	1	0 Water - Comm - 3/4" - IC	SAMOIOLOV, PETER	Commercial IC	124 ENGLE AVENUE
281.4	1	1	0 Water - Comm - 1" - IC	SAWYER'S TRUCK REP SAWYER, KIRK AND GII	Commercial IC	525 INDUSTRIAL WAY
162	1	1	0 Water - Comm - 3/4" - IC	SCTD Contact: Shirley Lyons	Commercial IC	807 E MAIN STREET
774.2	1.106	1	0 Water - Comm - 3/4" - IC	SOUTH CLACKAMAS V TOM & VICKI HOLECHI	Commercial IC	206 SHAVER AVENUE
90.8	1	1	0 Water - Comm - 3/4" - IC	STAFFORD PROPRTIE Contact: Ed Stafford	Commercial IC	603 W MAIN STREET
194.8	1	1	0 Water - Comm - 3/4" - IC	STEWARDS LLC	Commercial IC	115 CENTER AVENUE
19.6	1	1	0 Water - Comm - 3/4" - IC	TITL CORPORATION LL: Ron & Glenda Saun	Commercial IC	217 E MAIN STREET
324.4	1	1	0 Water - Comm - 3/4" - IC	TOLSTEAD, ESTATE OF ROSE	Commercial IC	114 N MOLALLA AVENUE
263.8	1	1	0 Water - Comm - 3/4" - IC	TWGW INC	Commercial IC	201 E MAIN STREET
859	1.2271429	1	0 Water - Comm - 1" - IC	UMPQUA BANK	Commercial IC	401 E MAIN STREET
231.2	1	1	0 Water - Comm - 3/4" - IC	US POST OFFICE Landlord: David Richer	Commercial IC	215 ROBBINS STREET
345.6	1	1	0 Water - Comm - 3/4" - IC	VEST, TROY	Commercial IC	430 HART AVENUE
216.8	1	1	0 Water - Comm - 3/4" - IC	VEST, TROY	Commercial IC	555 SHAVER AVENUE
22.8	1	1	0 Water - Comm - 3/4" - IC	VGW LLC (DOMINIC K Landlord: EJK Associat	Commercial IC	125 E MAIN STREET
0.2	1	1	0 Water - Res - Single 1" - IC	VGW LLC (DOMINIC K Landlord: EJK Associat	Commercial IC	127 E MAIN STREET
130.2	1	1	0 Water - Comm - 3/4" - IC	WALKER, JW	Commercial IC	502 E MAIN STREET
928.6	1.3265714	1	0 Water - Comm - 3/4" - IC	WILDHORSE BAR & GI SARAH QUIER	Commercial IC	110 S MOLALLA AVENUE
669.2	1	1	0 Water - Comm - 3/4" - IC	WILLIAMS, CHARLES	Commercial IC	530 N MOLALLA AVENUE
145.6	1	1	0 Water - Comm - 1" - IC	WITHERS LUMBER	Commercial IC	215 W MAIN STREET
119.4	1	1	0 Water - Comm - 3/4" - OC	TODAY'S HERBAL CHOICE INC	Commercial OC	31568 HWY 213
222	1	1	0 Water - Comm - 1.5" - IC	CITY OF MOLALLA - LIBRARY	Institutional/Govern	201 E 5TH STREET
19	1	1	0 Water - Comm - 3/4" - IC	MOLALLA CIVIC CENTER	Institutional/Govern	315 KENNEL AVENUE
55.8	1	1	0 Water - Res - Single 3/4" - IC (1: MOLALLA HISTORICAL SOCIETY		Institutional/Govern	620 S MOLALLA AVENUE
1200	1.7142857	2	0 Water - Comm - 1.5" - IC	MOLALLA RURAL FIRE PROTECTION DIST. #7:	Institutional/Govern	320 N MOLALLA AVENUE
58.4	1	1	0 Water - Res - Single 3/4" - IC (1: MOLALLA RURAL FIRE PROTECTION DIST. #7:		Institutional/Govern	317 KENNEL AVENUE
428.6	1	1	0 Water - Res - Single 3/4" - IC (1: ALLEN, DUSTYN AND KIMBERLEE		Multi-Family	508 E MAIN STREET
335.2	1	1	0 Water - Res - Single 3/4" - IC (1: ARELLANO, JUAN	Landlord: Jesus & Laur	Multi-Family	212 W 3RD STREET
465.4	1	1	0 Water - Res - Single 3/4" - IC (1: BARRETT, NANCY	LL: Lorraine Edwards	5 Multi-Family	501 KENNEL AVENUE
1029	1.47	2	0 Water - Res - Single 3/4" - IC (1: BISHOP, RUSSELL D		Multi-Family	304 A/B MAY ST
2006	2.8657143	3	0 Water - Multi Family 1.5" - IC	BMS PROPERTIES, INC	Multi-Family	518 FENTON AVENUE
1479.2	2.1131429	3	0 Water - Res - Single 3/4" - IC (1: BRUBAKER, JASON		Multi-Family	951 W MAIN STREET
1344.4	1.9205714	2	0 Water - Res - Single 3/4" - IC (1: CARON, DEBORAH	LL: Wendy Dorsey	503 Multi-Family	1119 MEADOW DRIVE
1571	2.2442857	2	0 Water - Res - Single 3/4" - IC (1: CHRISTENSEN, DAVID AND SHIRLEY		Multi-Family	539-541 KENNEL AVENUE
968.2	1.3831429	2	0 Water - Res - Single 3/4" - IC (1: CHRISTENSEN, DAVID AND SHIRLEY		Multi-Family	535-537 KENNEL AVENUE
4522	6.46	6	0 Water - Multi Family 1.5" - IC	CHRISTINE'S PROP MGMT LLC	Multi-Family	201 THELANDER LANE
820.4	1.172	1	0 Water - Res - Single 3/4" - IC (1: CONTRERAS, JOSE MA	Landlord: Alex&Nina R	Multi-Family	201 E HEINTZ STREET

198.4	1	1	0 Water - Res - Single 3/4" - IC (1: CURRY, DEBORAH LL: 24/7 Properties 50: Multi-Family	506 E MAIN STREET #1
322.6	1	2	0 Water - Multi Family .75" - IC DANSKIN, RODNEY AND ROBIN Multi-Family	307 N MOLALLA AVENUE
601.8	1	2	0 Water - Multi Family .75" - IC DELPLANCHE, KARLA & MARK Multi-Family	309-311 LOLA AVENUE
883	1.2614286	2	0 Water - Res - Single 3/4" - IC (1: DOVETON, MARK & SUE Multi-Family	930 MT VIEW LANE/926 MT VIEW LANE
427	1	1	0 Water - Res - Single 3/4" - IC (1: EDWARDS, JO Multi-Family	620 MAY STREET
910	1.3	2	0 Water - Res - Single 1" - IC ELK RIDGE PROPERTIE CARRIE PLOWMAN Multi-Family	764-766 TOLIVER ROAD
390.8	1	1	0 Water - Res - Single 3/4" - IC (1: ERFURT, CONNIE Landlord: Sunset Prop: Multi-Family	416 S MOLALLA AVENUE
947.2	1.3531429	3	0 Water - Multi Family .75" - IC FENTON CONDOMINI LISA MAJERUS - TREAS Multi-Family	162 FENTON AVE
344.2	1	2	0 Water - Res - Single 3/4" - IC (1: HOUT, NEAL ALLEN Multi-Family	209 CENTER AVENUE
948.8	1.3554286	2	0 Water - Res - Single 3/4" - IC (1: JEHNKE, DEBI & KEITH Multi-Family	310 A/B MAY STREET
260.2	1	1	0 Water - Res - Single 3/4" - IC (1: JLD LIVING TRUST RAMONA ARNOLD Multi-Family	107 SHIRLEY STREET
700.2	1.0002857	2	0 Water - Res - Single 3/4" - IC (1: JOHNSON, BRADLEY & THERESA Multi-Family	166-168 INDIAN OAK COURT
1500.2	2.1431429	2	0 Water - Multi Family 1" - IC KAPLAN, REED Multi-Family	412-414 LOLA AVENUE
965.2	1.3788571	2	0 Water - Multi Family .75" - IC KIRK, JESSE Multi-Family	612-614 S MOLALLA AVENUE
738.2	1.0545714	2	0 Water - Multi Family .75" - IC KRIVOSHEIN, BILL AND AMY Multi-Family	204 BERKLEY AVENUE
434.2	1	2	0 Water - Res - Single 3/4" - IC (1: KUPERSHTOK, MANIA Multi-Family	411 LOLA AVENUE
1370.6	1.958	2	0 Water - Res - Single 1" - IC LAWRENCE, DENISE MEYER, JOHN Multi-Family	812 MEADOWLAWN/695 VILLAGE DR
1077.8	1.5397143	2	0 Water - Res - Single 3/4" - IC (1: LEATHAM, HELEN Multi-Family	175 FENTON AVE
1464.4	2.092	2	0 Water - Res - Single 3/4" - IC (1: LEATHAM, HELEN Multi-Family	169 FENTON AVENUE
1466.6	2.0951429	2	0 Water - Multi Family .75" - IC LEGACY REALTY GROL LELSEY YOUNG Multi-Family	421-423 TOLIVER ROAD
136	1	2	0 Water - Multi Family .75" - IC MACINTOSH, TRAVIS Multi-Family	416-418 LOLA AVENUE
1583.2	2.2617143	2	0 Water - Res - Single 1" - IC MALOY, CAROL AND N SCOTT Multi-Family	118 N COLE AVE
69.6	1	2	0 Water - Res - Single 3/4" - IC (1: MAXWELL PROPERTY MARIE OR ROB MAXW Multi-Family	205 CENTER AVE
1278.8	1.8268571	3	0 Water - Multi Family .75" - IC MCALLISTER, WALTER & KIMBERLY Multi-Family	408-410 LOLA AVENUE
1205.6	1.7222857	2	0 Water - Multi Family .75" - IC MUTCHLER, JAMES Multi-Family	400-402 E HEINTZ STREET
530.4	1	2	0 Water - Res - Single 3/4" - IC (1: NW HOUSING ALTERNATIVE Multi-Family	400-C&D METZLER AVENUE
733.4	1.0477143	2	0 Water - Res - Single 3/4" - IC (1: NW HOUSING ALTERNATIVE Multi-Family	400-A&B METZLER AVENUE
726.2	1.0374286	2	0 Water - Multi Family .75" - IC NW HOUSING ALTERNATIVE Multi-Family	405-407 BERKLEY AVENUE
593.6	1	2	0 Water - Multi Family .75" - IC NW HOUSING ALTERNATIVE Multi-Family	401-403 BERKLEY AVENUE
442.2	1	2	0 Water - Res - Single 1" - IC PENNER, EDWIN & M. PENNER, CRYSTAL Multi-Family	818 MEADOWLAWN/700 VILLAGE
387.4	1	1	0 Water - Res - Single 3/4" - IC (1: PEREZ, MARIA Multi-Family	314 TOLIVER ROAD
1704.2	2.4345714	2	0 Water - Multi Family 1" - IC PORTER, MATTHEW Multi-Family	505 RIDINGS AVENUE
448.8	1	2	0 Water - Multi Family .75" - IC POTTRATZ, WILL POTTRATZ, JULIE Multi-Family	507-507A LEROY AVENUE
747.8	1.0682857	2	0 Water - Multi Family .75" - IC POTTRATZ, WILL POTTRATZ, JULIE Multi-Family	509-511 LEROY AVENUE
832.8	1.1897143	2	0 Water - Multi Family 1" - IC RATA INVESTMENTS LLC Multi-Family	619-621 W HEINTZ ST
531.4	1	2	0 Water - Multi Family .75" - IC REMINGTON, DAVID Multi-Family	404-406 LOLA AVENUE
675	1	2	0 Water - Multi Family .75" - IC REMINGTON, DAVID Multi-Family	400-402 LOLA AVENUE
616	1	2	0 Water - Res - Single 3/4" - IC (1: ROBITSCH, TANNER Multi-Family	422-424 KENNEL AVENUE
11090.8	15.844	16	0 Water - Multi Family 1.5" - IC SCOTT HOLDINGS LLC SCOTT, TOM Multi-Family	150 INDIAN OAK COURT (13 SFH)
1403.2	2.0045714	2	0 Water - Res - Single 3/4" - IC (1: VALENTINO AND ASS( SHAYNA GIMBOL Multi-Family	855-861 MEADOW DRIVE
554.8	1	2	0 Water - Multi Family .75" - IC WEISSENBRUNNER, AMY (Landlord) Multi-Family	509-AB RIDINGS AVENUE
433	1	1	0 Water - Res - Single 3/4" - IC (1: WORNSTAFF, LAURA Landlord: Asset Protect Multi-Family	110 FRANCES STREET
663.6	1	1	0 Water - Comm - 1.5" - IC CHURCH OF JESUS CHRIST LDS #5030013 Religious Institutions	974 W MAIN STREET
31	1	1	0 Water - Comm - 3/4" - IC GRACE LUTHERAN CH RANDY SPANFELLNER Religious Institutions	510 MAY STREET

87.6	1	1	0 Water - Res - Single 3/4" - IC (1:	MOLALLA ASSEMBLY OF GOD CHURCH	Religious Institutions	213 S MOLALLA AVENUE
74	1	1	0 Water - Comm - 1.5" - IC	MOLALLA CHURCH OF CHRIST	Religious Institutions	136 FENTON AVENUE
602	1	1	0 Water - Comm - 3/4" - IC	ROSS, BRIAN A	Religious Institutions	212 E 5TH STREET
4.2	1	1	0 Water - Comm - 1" - IC	ST JAMES CHURCH	Religious Institutions	301 FRANCES STREET-2
634	1	1	0 Water - Comm - 1.5" - IC	UNITED METHODIST ( Contact: Vicki Smith (C	Religious Institutions	111 MATHIAS ROAD
2040	2.9142857	4	-1 Water - Comm - 1.5" - IC	PRICE AUTOMOTIVE REFINISHING LLC	Commercial IC	222 CENTER AVENUE
616.6	1	2	-1 Water - Comm - 1" - IC	PROVIDENCE ST JOSEPH HEALTH	Commercial IC	110 CENTER AVENUE
2062	2.9457143	4	-1 Water - Multi Family 1" - IC	HOMESTEAD PROPERTY MANAGEMENT	Multi-Family	755 TOLIVER ROAD
1150	1.6428571	4	-1 Water - Multi Family 2" - IC	KOSTRIKIN, DAVID KOSTRIKIN, MARYBETH	Multi-Family	210 KENNEL AVENUE
2130	3.0428571	4	-1 Water - Multi Family 1.5" - IC	LEATHAM, HELEN	Multi-Family	220 KENNEL AVENUE
2540	3.6285714	7	-1 Water - Multi Family 1.5" - IC	LEMKE, CORDULA METZLER LLC	Multi-Family	430 METZLER AVENUE
1222.6	1.7465714	4	-1 Water - Res - Single 3/4" - IC (1:	MAXWELL PROPERTY ROBERT MAXWELL	Multi-Family	203 CENTER AVENUE
12784	18.262857	19	-1 Water - Multi Family .75" - IC	MEADOW VILLAGE/LOREN LANDAU	Multi-Family	807-A TOLIVER ROAD
1480	2.1142857	4	-1 Water - Multi Family 1.5" - IC	REAL PROPERTY MANAGEMENT SOLUTIONS	Multi-Family	200-206 KENNEL AVENUE
2132	3.0457143	4	-1 Water - Multi Family .75" - IC	WEISSENBRUNNER, AMY (Landlord)	Multi-Family	507 RIDINGS AVENUE
774.2	1.106	2	-1 Water - Comm - 1" - IC	FOOTHILLS COMMUN Pastor-Dale Satrum	Religious Institutions	122 GRANGE AVENUE
510	1	2	-1 Water - Comm - 3/4" - IC	MOLALLA CHURCH OF THE NAZARENE	Religious Institutions	920 SHIRLEY STREET
111.6	1	2	-1 Water - Comm - 3/4" - IC	MOLALLA SEVENTH-DAY ADVENTIST CHURCH	Religious Institutions	835 N MOLALLA AVENUE
2138	3.0542857	5	-2 Water - Comm - 2" - IC	DEARDORFF 3-D LLC	Commercial IC	103 E MAIN STREET
1200	1.7142857	4	-2 Water - Comm - 1.5" - IC	JAI GANESH CORP DB, Owner: Pradip Patel	Commercial IC	415 GRANGE AVENUE
1454	2.0771429	4	-2 Water - Comm - 1.5" - IC	MOLALLA PROPERTIES LLC	Commercial IC	270 N MOLALLA AVENUE
1220	1.7428571	4	-2 Water - Comm - 3/4" - IC	YAMHILL PROPERTY STRATEGIES LLC	Commercial IC	108 E ROSS STREET
2438	3.4828571	12	-2 Water - Multi Family 2" - IC	KERLEY PROP LLC	Multi-Family	301 E HEINTZ STREET
3232	4.6171429	13	-2 Water - Multi Family 1.5" - IC	TRIPLE M MOBILE VIL Owner: Lloyd Miller	Multi-Family	505 LEROY AVENUE
6234	8.9057143	16	-2 Water - Multi Family 1.5" - IC	TWIN FIR MOBILE COIGRIEF, BRUCE OR WOC	Multi-Family	208 W HEINTZ STREET
8356	11.937143	14	-2 Water - Multi Family .75" - IC	VIRIDIAN MANAGEMENT INC	Multi-Family	517 RIDINGS AVENUE
276	1	3	-2 Water - Comm - 3/4" - IC	FOOTHILLS COMMUN Pastor Dale Satrum	Religious Institutions	100-114 GRANGE AVENUE
1514.4	2.1634286	5	-3 Water - Comm - 3/4" - IC	MOLALLA MOOSE LODGE	Commercial IC	320 ECKERD AVENUE
503	1	4	-3 Water - Comm - 3/4" - IC	PARMENTER, GAIL	Commercial IC	118 ENGLE AVENUE
296.2	1	4	-3 Water - Comm - 3/4" - IC	WALDORF, ILENE & LAMONT	Commercial IC	106 ENGLE AVENUE
13894	19.848571	23	-3 Water - Multi Family 2" - IC	PRESTIGE CARE INC DBA MOLALLA MANOR	Multi-Family	301 RIDINGS AVENUE
4936	7.0514286	20	-3 Water - Multi Family .75" - IC	VIRIDIAN MANAGEMENT INC	Multi-Family	511 RIDINGS AVENUE
1706.6	2.438	6	-4 Water - Comm - 3/4" - IC	WSCO PETROLEUM #210	Commercial IC	901 E MAIN STREET
16942	24.202857	29	-4 Water - Multi Family 1.5" - IC	MOBILE MANOR c/o K KORNOFF, JEAN	Multi-Family	138 SHIRLEY STREET
13690	19.557143	24	-4 Water - Multi Family 2" - IC	PLAZA LOS ROBLES / CASCADE MGMT INC	Multi-Family	415 TOLIVER RD
6472.8	9.2468571	14	-5 Water - Comm - 1.5" - IC	MCDONALDS CORP	Commercial IC	1565 W MAIN STREET
24458.6	34.940857	40	-5 Water - Multi Family .75" - IC	PHEASANT POINTE RODERICK, GREGORY	Multi-Family	835 E MAIN STREET
6580	9.4	33	-5 Water - Multi Family 2" - IC	VIRIDIAN MGMT INC/TOLIVER TERRACE APT:	Multi-Family	615 W. HEINTZ STREET
1277	1.8242857	9	-7 Water - Comm - 3/4" - IC	PRICE AUTOMOTIVE REFINISHING LLC	Commercial IC	210-242 CENTER AVENUE
22337.2	31.910286	47	-7 Water - Multi Family 3" - IC	MOLALLA GARDENS LP	Multi-Family	180 FENTON AVENUE
14286	20.408571	45	-7 Water - Multi Family 2" - IC	TWIN FIR MOBILE COIGRIEF, BRUCE OR WOC	Multi-Family	205 W HEINTZ #740
4598	6.5685714	15	-8 Water - Comm - 2" - IC	QUANEX CUSTOM COMPONENTS	Commercial IC	453 INDUSTRIAL WAY
14998.4	21.426286	52	-8 Water - Multi Family 3" - IC	TOLIVER ESTATES HOI Contact: Sandy McLeo	Multi-Family	1295 TOLIVER ROAD
25602	36.574286	64	-10 Water - Multi Family 2" - IC	FIRCREST APARTMEN CASCADE RENTAL MAI	Multi-Family	899 E MAIN STREET



30641	43.772857	76	-11	Water - Multi Family 1.5" - IC	BIG MEADOW APART	STEVE GRAVES (SUSAN	Multi-Family	1111 MEADOW DRIVE EAST
126754.8	181.07829	328	-49	Water - Multi Family 4" - IC	STONEPLACE APARTM	LAURA MILLEHRER	Multi-Family	872 W. MAIN STREET
1.4	1	NULL	NULL	Water - Comm - 1.5" - IC	BIG MEADOW LANDSCAPE METER		Commercial IC	HWY 213/MEADOW DRIVE
548	1	NULL	NULL	Water - Comm - 1" - IC	BI-MART #659 (Sprinkl	Landlord: RCD Investr	Commercial IC	514 W MAIN ST (SPRINKLER)
53.6	1	NULL	NULL	Water - Comm - 1" - IC	CASCADE CENTER MC	IRRIGATION #1	Commercial IC	120 S LEROY AVE - IRRIGATION #1
28.2	1	NULL	NULL	Water - Comm - 3/4" - IC	E.T. & AUTO II INC	ERICKSON'S CAR LOT	Commercial IC	519 N MOLALLA AVENUE
628	1	NULL	NULL	Water - Comm - 3/4" - IC	FAMILY DENTISTRY		Commercial IC	124 E ROSS STREET
2624.2	3.7488571	NULL	NULL	Water - Comm - 3/4" - IC	HOTSHOTS ESPRESSO LL: Ed Stafford 503-70		Commercial IC	629 W MAIN STREET
68.2	1	NULL	NULL	Water - Comm - 3/4" - IC	MILLER, STEVEN/REAL LL: William Valov 626-		Commercial IC	803-805 W MAIN STREET
233	1	NULL	NULL	Water - Comm - 3/4" - OC	COLEMAN (TROUGH), STEVE		Commercial OC	0 W SIDE ADAMS CEMETERY ROAD
1694	2.42	NULL	NULL	Water - Comm - 1.5" - IC	STONEPLACE IRRIGATION		Multi-Family	872 W MAIN STREET

Exhibit E

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--for looking at commercial for billing changes
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Select winterAverageCubicFeet, ProjectedEDU, currentSewerEDU,

--this case statement takes care of Section 2 in the example resolution.
Case when CustomerType='Multi-Family' and ProjectedEDU<(currentSewerEDU*.85) THEN      ↗
    Round(0-(currentSewerEDU - (currentSewerEDU*.85)),0) ELSE
Round(ProjectedEDU-currentSewerEDU,0) END as NeedsAdjustedEDU_Plus_or_Minus,

WaterServiceType, Name, SecondaryName, CustomerType, ServiceAddress
from
(
    select sum(CubicFeetUsed)/5 as winterAverageCubicFeet,
    Case when
    (sum(CubicFeetUsed)/5)/700 <1 then 1 else (sum(CubicFeetUsed)/5)/700 end as      ↗
    ProjectedEDU, --5 months of winter averaging, November thru March, 550 cf is the ↗
    default winter average
    SewerEDUs as                               ↗
    currentSewerEDU,WaterServiceType,Name,SecondaryName,CustomerType,ServiceAddress ↗
    from
    (
        select DISTINCT
            Usage1 as CubicFeetUsed,
            customer.Name, customer.SecondaryName, customerType.CustomerType,      ↗
            c.ServiceAddress,
            --a.PeriodDate, b.MeterID, b.Size,
            --a.Usage1,

            --sewerEDUs
            (select top 1
            CASE when q5.Units=0 then 1 ELSE q5.Units end --when q5.Units is null IS  ↗
            NOT TRUE because these accounts have no sewer base charge. They are  ↗
            water only in many cases. Such as the Ag building at the HS.
            from [UM0_MolallaOR].[dbo].[tblMeterActivity] q1
            inner join [UM0_MolallaOR].[dbo].[tblMeter] q2 on q1.tblMeterID = q2.ID
            inner join [UM0_MolallaOR].[dbo].[tblLocation] q3 on q1.tblLocationID =  ↗
            q3.ID
            inner join [UM0_MolallaOR].[dbo].[tblCustomer] q4 on                               ↗
            q4.tblLocationID=q3.ID
            inner join [UM0_MolallaOR].[dbo].[tblBilling] q5 on q5.tblCustomerID=q4.ID
            inner join [UM0_MolallaOR].[dbo].[tblService] service on q5.tblServiceID = ↗
            service.ID
            where usage1 > 0 and --only positive usage
            q1.Date>= '2021-11-01' and q1.Date<='2022-03-31' --baseline year
            --and (Size='.75') --uncomment to find Residential Use Only
            and Usage1<200000 --anything more than 200,000 cubic feet in a month shall ↗
            be considered a leak, or erroneous data.
            --and (Usage1>200000 and Usage1<90000000) --uncomment to massive metered  ↗
            losses, but exclude possible erroneous data.
            and service.Abbreviation1='SBase'
            and q2.MeterID=b.MeterID) as SewerEDUs,

```

```

--Water Servcie type
(select top 1
rate.Description
from [UM0_MolallaOR].[dbo].[tblMeterActivity] q1
inner join [UM0_MolallaOR].[dbo].[tblMeter] q2 on q1.tblMeterID = q2.ID
inner join [UM0_MolallaOR].[dbo].[tblLocation] q3 on q1.tblLocationID =
    q3.ID
inner join [UM0_MolallaOR].[dbo].[tblCustomer] q4 on
    q4.tblLocationID=q3.ID
inner join [UM0_MolallaOR].[dbo].[tblBilling] q5 on q5.tblCustomerID=q4.ID
inner join [UM0_MolallaOR].[dbo].[tblService] service on q5.tblServiceID =
    service.ID
inner join [UM0_MolallaOR].[dbo].[tblRate] rate on q5.tblRateID = rate.ID
where usage1 > 0 and --only positive usage
q1.Date>= '2021-11-01' and q1.Date<='2022-03-31' --baseline year
--and (Size='.75') --uncomment to find Residential Use Only
and Usage1<200000 --anything more than 200,000 cubic feet in a month shall
    be considered a leak, or erroneous data.
--and (Usage1>200000 and Usage1<90000000) --uncomment to massive metered
    losses, but exclude possible erroneous data.
and service.Abbreviation1='WBase'
and q2.MeterID=b.MeterID) as WaterServiceType

from [UM0_MolallaOR].[dbo].[tblMeterActivity] a
inner join [UM0_MolallaOR].[dbo].[tblMeter] b on a.tblMeterID = b.ID
inner join [UM0_MolallaOR].[dbo].[tblLocation] c on a.tblLocationID = c.ID
inner join [UM0_MolallaOR].[dbo].[tblCustomer] customer on
    customer.tblLocationID=c.ID
inner join [UM0_MolallaOR].[dbo].[tblCustomerType] customerType on
    customer.tblCustomerTypeID=customerType.ID
inner join [UM0_MolallaOR].[dbo].[tblBilling] billing on
    billing.tblCustomerID=customer.ID
Left join [UM0_MolallaOR].[dbo].[tblMeter] meterBilled on
    billing.tblMeterID=meterBilled.ID
inner join [UM0_MolallaOR].[dbo].[tblRate] rate on billing.tblRateID =
    rate.ID
inner join [UM0_MolallaOR].[dbo].[tblService] service on
    billing.tblServiceID = service.ID
inner join [UM0_MolallaOR].[dbo].[tblTransaction] trans on
    trans.tblBillingID=billing.ID and trans.Date>='2021-11-01' and
    trans.Date<='2022-03-31'
where usage1 > 0 and --only positive usage
a.Date>= '2021-11-01' and a.Date<='2022-03-31' --baseline year
--and (Size='.75') --uncomment to find Residential Use Only
and CustomerType not like 'BULK METER%'
and CustomerType <> 'City Owned Property'
and CustomerType <> 'Residential IC'
and CustomerType <> 'Residential OC'
and CustomerType <> 'Special Agreements' --this gets rid of the Buckaroo
    and a dude outside the City

```

```

...DU issue analysis\Exhibit E - SQLQuery1-Final-by Andy.sql 3
and customer.Name<>'MOLALLA RIVER SCHOOL DISTRICT' --there are wierd ↗
  things going on with these accounts and they need to be looked at ↗
  individually. Andy/Ginger 11/8/22
and customer.FinalBillDate is null
and customer.LandlordDisconnectDate is null
and b.Size<>' '
and Usage1<200000 --anything more than 200,000 cubic feet in a month shall↗
  be considered a leak, or erroneous data.
--and (Usage1>200000 and Usage1<90000000) --uncomment to massive metered ↗
  losses, but exclude possible erroneous data.
--and service.Abbreviation1='WBase'
group by a.Usage1, customer.Name, customer.SecondaryName, ↗
  customerType.CustomerType, b.MeterID, b.Size, c.ServiceAddress, ↗
  a.Usage1, a.PeriodDate
--order by CustomerType, SewerEDUs desc --MeterID, Date --comment out if ↗
  getting sums
) as temp
--where customerType <> 'Residential IC'
--CustomerType = 'Residential IC' and SewerEDUs=1 --this is to find all the ↗
  residential users that go in to figuring the actual average usage.
group by SewerEDUs, ↗
  WaterServiceType,Name,SecondaryName, CustomerType,ServiceAddress
) as subtemp
order by NeedsAdjustedEDU_Plus_or_Minus desc, CustomerType, Name
--order by Name

```

Exhibit F

Monthly Bill Calculations:

Wastewater Rate Component	Current	Effective on July 1				
	2023	2024	2025	2026	2027	2028
Revenues Recovered From Existing Rates and Charges:	\$ 8,717,457	\$ 8,717,457	\$ 4,002,128	\$ 4,811,584	\$ 4,835,986	\$ 4,998,545
add: Revenues Recovered From Rate Increase	0	284,870	809,456	824,402	857,558	85,887
<b>Total Revenues Recovered From Rates &amp; Charges after Increase</b>	<b>\$ 8,717,457</b>	<b>\$ 4,002,128</b>	<b>\$ 4,811,584</b>	<b>\$ 4,835,986</b>	<b>\$ 4,835,986</b>	<b>\$ 5,089,932</b>
<b>EDU assumptions:</b>						
No growth case	3,781	3,781	3,781	3,781	3,781	3,781
Base case per Andy	3,781	4,826	4,860	4,860	4,860	4,860
Enhanced growth case - 100 EDUs per year starting in FY 2026	3,781	4,826	4,860	4,480	4,560	4,660
<b>Forecasted monthly wastewater rates - \$/EDU:</b>						
No growth case	\$ 83.03	\$ 89.39	\$ 96.30	\$ 103.55	\$ 111.53	\$ 113.66
Base case per Andy	\$ 83.03	\$ 77.09	\$ 82.41	\$ 88.61	\$ 95.44	\$ 97.27
Enhanced growth case - 100 EDUs per year starting in FY 2026	\$ 83.03	\$ 77.09	\$ 82.41	\$ 86.62	\$ 91.26	\$ 91.00
<b>Actual rates:</b>						
Monthly base rate - \$/EDU	\$ 34.08					
Volume charge - \$/Ccf	\$ 5.86					
Single family winter average flow (Ccf)	5.5					
<b>Calculated monthly wastewater rate</b>	<b>\$ 83.56</b>					

Annual percent change

