GRANDVIEW CITY COUNCIL
COMMITTEE-OF-THE-WHOLE
MEETING AGENDA
TUESDAY, APRIL 14, 2026

This meeting will be held in person and will also be available via teleconference.

PLEASE NOTE: The maximum occupancy of the Council Chambers is 49 individuals at one time. Access to exits must be kept clear to ensure everyone in the Chambers can safely exit in the event of an emergency.

COMMITTEE-OF-THE-WHOLE MEETING – 6:00 PM **PAGE**

1. CALL TO ORDER

2. ROLL CALL

3. NEW BUSINESS

A. Resolution authorizing the Mayor to sign the Vortex Aquatic Structures International Contract #101625-VOR through Sourcewell Awarded Contract for the Grandview Splash Pad Project 1-19

B. Water & Sewer Connection Fees 20-45

4. CITY ADMINISTRATOR AND/OR STAFF REPORTS

5. MAYOR & COUNCILMEMBER REPORTS

A. Sub-Committee Updates

1. Unsung Hero Award – committee and application approval 46

6. ADJOURNMENT

The City of Grandview Committee-of-the-Whole and Regular Council Meetings scheduled for Tuesday, April 14, 2026 at 6:00 pm and 7:00 pm will be held in person and will also be available via teleconference.

Please join the meeting from your computer, tablet or smartphone.

Join Zoom Meeting
https://us06web.zoom.us/j/87922465630?pwd=cxKra2QBhqpWK0oLoGwLYs6VyZcsgz.1
To join via phone: +1 253 215 8782
Meeting ID: 879 2246 5630
Passcode: 160607

CITY OF GRANDVIEW
AGENDA ITEM HISTORY/COMMENTARY
COMMITTEE-OF-THE-WHOLE MEETING

ITEM TITLE	**AGENDA NO.:** New Business 3 (A)
Resolution authorizing the Mayor to sign the Vortex Aquatic Structures International contract #101625-VOR through a Sourcewell awarded contract for the Splash Pad Project	**AGENDA DATE:** April 14, 2026
DEPARTMENT Administration	**FUNDING CERTIFICATION** (City Treasurer) (If applicable) N/A

DEPARTMENT HEAD REVIEW

Shane Fisher, City Administrator

CITY ADMINISTRATOR **MAYOR**

ITEM HISTORY (Previous council reviews, action related to this item and other pertinent history)

The City of Grandview has funding to construct a new Splash Pad located at Dykstra Park. This funding is a combination of both local funds and state appropriation that we received last year via the Local Community Project program at the Washington State Department of Commerce.

ITEM COMMENTARY (Background, discussion, key points, recommendations, etc.) Please identify any or all impacts this proposed action would have on the City budget, personnel resources, and/or residents.

Staff has been working with Vortex to design the facility via a Sourcewell "piggy-back" contract. Sourcewell allows the City to legally use a competitively bid national contract instead of issuing our own RFP. This saves time, reduces administrative costs, and still meets procurement requirements. For the Dykstra Park splash pad, it would allow us to hire a qualified design-build contractor quickly and at competitive pricing.

A "piggyback" contract means the City of Grandview can use a contract that was already competitively bid and awarded by another public agency (Sourcewell) instead of issuing its own RFP. Using Sourcewell, Grandview can procure a complete turnkey splash pad project.

Sourcewell has already:
- Developed and advertised a public RFP
- Evaluated proposals
- Awarded contracts to qualified vendors

Typical Scope Covered:
- Concept design & engineering
- Splash pad equipment (spray features, controls, recirculation systems)
- Concrete work & drainage
- ADA accessibility
- Installation and commissioning

ACTION PROPOSED

Move a resolution authorizing the Mayor to sign the Vortex Aquatic Structures International contract #101625-VOR through a Sourcewell awarded contract for the Splash Pad Project to the April 14, 2026 regular Council meeting for consideration.

RESOLUTION NO. 2026-____

A RESOLUTION OF THE CITY OF GRANDVIEW, WASHINGTON, AUTHORIZING THE MAYOR TO SIGN THE VORTEX AQUATIC STRUCTURES INTERNATIONAL CONTRACT #101625-VOR THROUGH SOURCEWELL AWARDED CONTRACT FOR THE GRANDVIEW SPLASH PAD PROJECT

WHEREAS, the City of Grandview is utilizing Sourcewell Awarded Contract #101625-VOR to purchase the Grandview Splash Pad from Vortex Aquatic Structures International; and,

WHEREAS, the City must execute a contract setting forth the terms and conditions for said purchase,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRANDVIEW, WASHINGTON, as follows:

The Council hereby authorizes the Mayor to sign the Vortex Aquatic Structures International Contract #101625-VOR through Sourcewell Awarded Contract for the Grandview Splash Pad project in the amount of $493,527.23, in the form as is attached hereto and incorporated herein by reference.

PASSED by the **CITY COUNCIL** and **APPROVED** by the **MAYOR** at its regular meeting on _____, 2026.

MAYOR

_____

ATTEST:

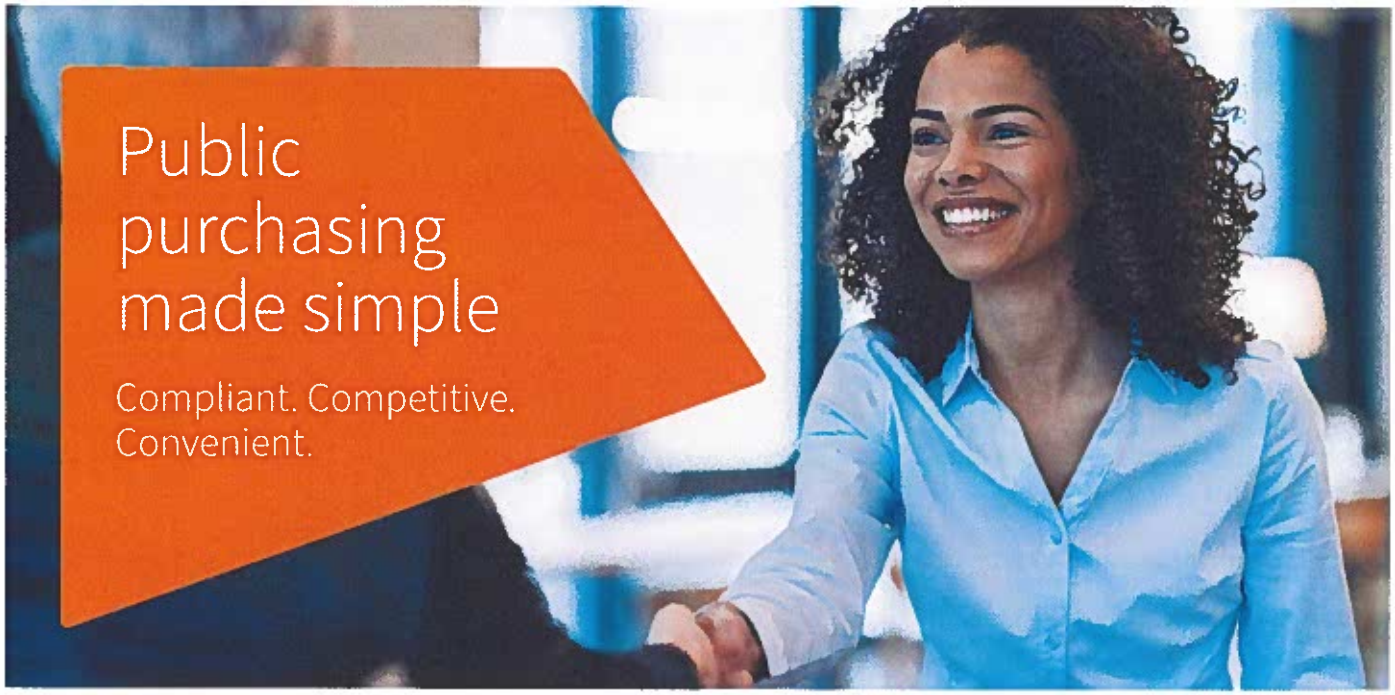
_____

CITY CLERK

APPROVED AS TO FORM:

_____

CITY ATTORNEY



Buy what you need from a supplier you trust using cooperative purchasing. As a government entity, we provide easy access to competitively awarded contracts through a trusted solicitation process.

Optimize public purchasing with Sourcewell.

- **Compliant:** Sourcewell maintains the transparency and equity required by most government purchasing laws.
- **Competitive:** Take advantage of not-to-exceed pricing and volume discounts on contracted goods and services, often delivered through local dealers and representatives.
- **Convenient:** Save time and money by using our procurement process as your own. Agencies can register at no cost or obligation to purchase using Sourcewell ready-to-use contracts.
- **Customizable:** Tailor additional terms and conditions to meet specific purchasing goals.

"Having the Sourcewell pricing takes the guesswork out of the game, saving hours and hours of paperwork."

— Jay Getka, Fleet Manager
City of Kenosha, WI

Contract #101625-VOR

Sourcewell
Awarded Contract

Ten-time recipient of NPI's Achievement of Excellence in Procurement Award

VORTEX

Start here for easier public purchasing

Explore contract offerings, details, and documents.

sourcewell-mn.gov | 877-585-9706

Supplier related questions:

Michelle Lynn

mlynn@vortex-intl.com

303-916-4524

QUOTE

VORTEX

Account Name:	City of Grandview - Parks & Recreation - WA	Created Date:	3/24/2026 10:17 AM
Project Name:	Grandview Splashpad - WA	Quote Number:	QUO-29049-G3C8X9
Project ID:	30204	Quote Name:	Version D
Bill To Name:	City of Grandview - Parks & Recreation - WA	Prepared By:	Michelle Lynn
Bill To Address:	303 West Wine Country Road Grandview, WA 98930 USA	Email:	mlynn@vortex-intl.com
		Cooperative Purchasing:	Sourcewell contract #101625-VOR
Contact Name:	Gretchen Chronis		
Phone:	(509) 882-9219		
Email:	gretchen@grandview.wa.us		

VOR	Product No.	Product Name	Description	QTY	List Price	Total Price
1- Play Products					**70,300.00**	**70,300.00**
7699	104557-304L	ASTRA No.3 (SW,PC)		1	12,300.00	12,300.00
0622	129863-304L	ACTIVATOR NO4 (SM, PC)		1	3,850.00	3,850.00
7232	101672-304L	BOBBLE No.1 (SW, PC)		1	5,800.00	5,800.00
7238	101222-304L	HELIO No.3 (SW, PC)		1	6,100.00	6,100.00
7230	101014-304L	LUNA No.1 (SW, PC)		2	16,200.00	32,400.00
8767	102928-304L	REFRESH No.1 (SW, PC)		1	5,350.00	5,350.00
3009	109949-304L	SPRAYLINK PODSPRAY (EM)		1	650.00	650.00
3005	109921-304L	SPRAYLINK GEYSER (EM)		2	500.00	1,000.00
3000	108168-304L	SPRAYLINK JET N°1 (EM)		3	450.00	1,350.00
3054	108381-304L	SPRAYLINK TUNNEL N°1 (EM)		1	1,500.00	1,500.00

QUOTE

VORTEX

2- Water Management System and Controls					**29,597.94**	**29,597.94**
	2- Water Distribution System 'WDS'					**26,097.94**
		Custom WDS	WDS VCC 10V 2" FT MaestroPRO 120V BLV Water Distribution System Serial Number: 30204D2503R00 Vault Command Center - Flow-Through Single 2" Inlet Without Pressure Regulator; Backflow Preventer Not Included Controller Installed in Equipment 0 Additional Output 1 Activation Device 5x 1-1/2" PVC Solenoid Valve Line w/ Ball-Valve 5x 1-1/2" PVC Solenoid Valve Line w/ Ball-Valve 1x MaestroPRO, Splashpad, 24 out / 12 in 120V 1x AT&T LTE Cell Module	1	26,097.94	26,097.94
	4- Drains					**3,500.00**
1004	103080-304L	PLAYSAFE DRAIN N°4 (EM,PC)	PLAYSAFE DRAIN N°4 (EM,PC)	2	1,750.00	3,500.00
5- Discount					**(23,868.39)**	**(23,868.39)**
	12010	Buying Group - Products	Sourcewell disc. Contract #101625-VOR	1	(5,065.89)	(5,065.89)
	12020	Buying Group - Services	Sourcewell disc. Contract #101625-VOR	1	(18,802.50)	(18,802.50)
6- Services					**376,050.00**	**376,050.00**
14010	14010	Installation Fees		1	371,250.00	371,250.00
13080	13080	Stamped Drawings Fee		1	4,800.00	4,800.00
7- Installation Kits					**0.00**	
	101138-304L	INSTALLATION KIT REFRESH No.1		1		
	101474-304L	INSTALLATION KIT #HEAVY DUTY SAFE SWAP No 1		1		
	103539-304	INSTALLATION KIT #SAFESWAP NO7 (MEDIUM SW) SURFACE MOUNT		2		
	103543-304L	INSTALLATION KIT #SAFESWAP NO2		4		
	110184	SPRAYLINK BOX AND TRAY FOR SHIPPING		4		
	102313	TOOL KIT #0 :		1		
	102314	TOOL KIT #1 :SECURITY BITS (ALL)		1		
	100308	TOOL KIT #28:RIV-VOZZLE TOOL		1		

QUOTE

VORTEX

	102305-304L	TOOL KIT #123: POD SPRAY KEY_WELDING		1		
	110258	TOOL KIT #129: SPRAYLINK SECURITY KEY		1		
8- Parts					**1,420.00**	**1,420.00**
	102317	TOE GUARD SINGLE 4" ASSEMBLY		1	270.00	270.00
1004	105435-304L	PLAYSAFE DRAIN NO.4 – STRAINER BASKET – PASSIVATION		1	1,150.00	1,150.00
9- Transport					**2,989.20**	**2,989.20**
18020	18020	Packaging Fee		1	424.00	424.00
19030	19030	Freight Fee		1	2,565.20	2,565.20

Additional Information

Refer to Annexed Scope of work for full details.

Total Summary

Customer Signature:

Ashley Lara, Mayor

Enquire about our cooperative purchasing programs.
Thank you for doing business with us!
Pricing is valid for a period of 45 days.

Products:	101,317.94
Discount:	(23,868.39)
Services:	376,050.00
Transport:	2,989.20
Subtotal:	456,488.75
Tax:	37,038.48
Total:	493,527.23
Currency:	US Dollar
Incoterm:	

QUOTE

VORTEX

Terms & Conditions

Products Payment Terms: Product >$250K+: 30% deposit at PO, 50% at shipment, 20% net 45

Services Payment Terms: Installation: 25% mobilization prior to start of installation, 75% progressive payments

Freight Charges

Please note: freight charge is an estimate and is subject to change without notice. Vortex reserves the right to adjust the freight charge quoted above. Should embed equipment be required ahead of scheduled delivery date, additional freight charges will apply.

Installation Charges

Please note: Installation fees are an estimate at the time of quoting and is subject to change without notice. Vortex reserves the right to adjust the installation fees quoted above.

Purchase Contract Terms & Conditions of Sales

The following terms and conditions (the "Terms and Conditions") form part of the Purchase Contract (the "Purchase Contract) between yourself (the "Customer, and Vortex Aquatic Structures International and/or Vortex USA Inc. ("Vortex"). The Customer's acceptance and understanding of these Terms and Conditions and all other supporting documentation provided as part of this package is evidenced by signing of the Purchase Contract.

Payment Terms

Unless otherwise specified in the Purchase Contract, payment by the Customer of the purchase price specified in the Purchase Contract (with all applicable taxes, the '·Purchase Price") shall be on the following terms: 100% of the Purchase Price to be paid prior to Vortex commencing production on the Customer's order. Any overdue balances are subject to interest charges of 1.5% per month.

Unless otherwise specifically stated, all sales taxes or any other personal property taxes, use taxes, duties, excises, levies or tariffs imposed by any government authority and incurred by Vortex through performance of the Purchase Contract will be the Customer's responsibility. Without limiting the generality foregoing, applicable taxes will be applied to all taxable goods arid services included in the Purchase Contract as amended from time to time. Customers are advised to consult with their financial and tax advisors to obtain further information regarding taxes applicable to their purchase.

Vortex maintains a no return policy and asks all Customers to determine feature and color selection carefully. If a Customer cancels an order after production has commenced, Vortex reserves the right to charge (and the Customer agrees to pay) a 40% re-stocking fee.

Cheque, Wire Transfer, Irrevocable Letter of Credit or Credit Card (note: an administrative fee of 3.5% may apply to payments made via Credit Card) are considered acceptable payment methods.

Except where title to the products contained in the Customer's order is explicitly transferred by Vortex to the Customer and the Purchase Price is paid in full, title to and right to possession of such products shall remain with Vortex until the Purchase Price and all sums due or become due from the Customer are fully paid.

Should the goods comprising the Customer's order be connected to the ground or real property or buildings because of foundations or mechanical parts, then this connection is to be considered as transitory in nature until payment in full of the Purchase Price.

Unless otherwise agreed, projects where Vortex is supplying goods without installation, the risk of loss of the goods shall pass to the Customer when the goods are delivered to the Customer or its agent or to a carrier for delivery to the Customer or its agent, whichever event shall first occur. In the event of where Vortex is suppling and installing goods, risk of loss of the goods shall pass to the Customer upon completion of the project.

Storage Fees and Delivery Date

Once a delivery date has been confirmed and communicated by Vortex, it shall be deemed final and binding. Any request to modify the confirmed delivery date must be submitted in writing and is subject to Vortex's prior written approval. Vortex reserves the right, at its sole discretion, to decline such requests.
If the Customer is unable or unwilling to accept delivery on the confirmed date, storage fees will apply. Such fees will be the greater of $2,500 or 3% of the total product value per month, calculated from the original delivery date. All storage fees are the sole responsibility of the Customer and must be paid in full prior to the release and shipment of the order.

Pricing

All pricing provided by Vortex is valid for shipments scheduled within the same calendar year in which the quote is issued. Should the shipment, at the Customer's request, be delayed into the following calendar year, the order will be subject to revised pricing in accordance with Vortex's then-current price list. Any exceptions to this condition require prior written approval from Vortex. Vortex reserves the right, at its sole discretion, to decline such requests.

Lead Times & Logistics

Vortex' standard lead times are up to 3-4 weeks for embeds, up to 6-8 weeks for Play Products, up to 10 weeks for Water Recirculation Equipment, up to 16 weeks for Elevations and up to 16 weeks for Waterslides. The lead times areas contingent upon receipt of signed Purchase Contract, approved drawings, and all applicable color selections. Expected timing for order completion and shipment will be communicated to the Customer at the time the Purchase Contract is signed by the Customer and acknowledged by Vortex.

All products will be packaged to mitigate damage during shipment. All shipments must be inspected upon delivery and any damage, errors or omissions must be reported to Vortex at support@vortex-intl.com and the transport company within 24 hours of receipt of goods. Vortex reserves the right to amend and modify the transportation costs based on the Customer's request.

Service & Support

Digital versions of operations and maintenance manuals will be provided at the later of either the delivery of the products or completion of the project installation. Vortex is not responsible for coordination the installation project unless otherwise specified in the Contract. The Customer is responsible for coordinating installation schedules with Vortex to ensure that the site is ready for Vortex' products and services. Vortex reserves the right to charge the Customer and the Customer agrees to pay for any additional time or idle time on site and all additional expenses incurred as a result of the site not being ready for the planned services.

Vortex reserves the right to cancel supervision, installation start-up and commissioning services if Vortex deems the site unsafe or not ready. The Customer is responsible for ensuring a safe working environment for any Vortex or contracted service technicians. Vortex reserves the right to bill the Customer for (and the Customer agrees to pay) any additional time on site as well as any additional expenses incurred as a result of waiting to rectify an unsafe work condition.

Exclusions

Unless otherwise specified, the following is excluded from Vortex' purchase agreement price and responsibility: project management, project coordination, loading and unloading, onsite storage, installation services, permits and permit fees, local, state and or health department codes and approvals, OHSA documentation, onsite electrical work, electrical connections, onsite plumbing work and plumbing connections, bonding payment, geotechnical survey work, excavation & removal of materials, concrete surfacing, slab design and concrete footings.

QUOTE

General Terms & Conditions

The Customer has reviewed local codes and standards and has accepted the design and product specifications, including custom-designed features by signing the Purchase Contract. For orders including water recirculating equipment, the Customer is responsible for ensuring the accepted system meets local standards and codes and that all appropriate approvals are obtained, unless otherwise noted. Any design changes requested after signing the Purchase Contract will be subject to additional fees.

The Customer agrees to pay on demand all expenses reasonably incurred by Vortex in efforts to collect the amounts owing under the Purchase Contract. The Customer shall pay reasonable legal costs (fees and disbursements), including fees incurred in both trial and appellate courts or fees incurred without suit and all court costs.

Confidentiality: The design details and specifications of the products included in the Customer's order, including without limitation, fabrication drawings, samples, sketches, photographs, foundation drawings, approval drawings, shipping lists, manuals and any other technical details (collectively, the "Confidential Information"} supplied are the property of Vortex and are confidential. The Customer shall not, without prior written consent of Vortex, use the Confidential Information except in connection with the installation and operation of the goods supplied or disclose such Confidential Information to third parties unless compelled by law.

Limitation of Liability: The aggregate liability of Vortex, its affiliates, and their respective employees, directors, officers, agents and contractors for any claim, whether in contract, tort (including negligence) or otherwise, for any loss or damage arising out of, connected with, or resulting from the manufacture, sale, delivery, installation, resale, repair, replacement or use of any product will in no case exceed the actual portion of the Purchase Price paid by the Customer for the Purchase Contract. In no event will the Vortex be liable for special, indirect, or consequential damages. The limitation of liability contained herein shall survive the termination or expiration of the Purchase Contract.

Vortex is not responsible for any damages to the Customer's environment and or landscaping as a result of its products. All modifications and alterations made to Vortex's products will automatically void and null all warranties. Vortex may refuse to accept any order for any reason without incurring any liability from the Customer. No Change to this Agreement will be enforceable unless the Customer has a signed a Vortex Change Order request.

Pricing is valid for a period of 45 days.

X _____

Name Ashley Lara, Mayor
Title

Construction Agreement

The Owner and the Contractor agree as follows:

Engagement of the Contractor by Owner

Owner hereby contracts with the Contractor to provide the labor, services, and/or materials to perform the construction work described in the statement of work appended hereto and made a part hereof by reference, upon that certain real property and more commonly known as (hereinafter "Subject Property"), as more particularly set forth in hereof.

Scope of Work

Contractor will furnish all specifications, labor, equipment, materials, sales taxes, transportation, supervision, coordination, and communication in a workmanlike manner for the work described in the statement of work attached hereto, which is made a part hereof by reference.

Contract, Drawings and Specifications

The work upon the Subject Property will be in accordance with drawings and specifications provided by Contractor, which drawings and specifications are hereby made a part of this Agreement. This Agreement and the drawings hereby are intended to supplement each other. In case of conflict, however, the statement of work shall control the drawings, and the provisions of this Construction Agreement shall control both.

Time for Commencement Work

Owner will have the jobsite ready for commencement of the work to be performed by the Contractor specified herein above and will give Contractor written notice to commence work. Contractor will commence work after such notice or within of receipt of all necessary governmental approvals and permits, whichever date shall last occur.

Guarantees of Timely Completion

Time is of the essence in the Contractor's performance of the Work and is a basic consideration of this Agreement. Accordingly, Contractor guarantees that the following event (the "Guaranteed Events") shall occur no later than the date specified (the "Guaranteed Completion Dates"), except if Contractor can show that a Force Majeure Event has occurred as set forth in Section 6 herein.

Force Majeure Event

Owner and Contractor are aware of the ongoing pandemic known as COVID-19, and acknowledge that delays, additional costs, or both may occur as a result and are not the responsibility of the Contractor. If Constructor is delayed at any time in the commencement or progress of the Work, or if Contractor's work is made more costly, by any cause or condition arising directly or indirectly from COVID-19, Contractor shall be entitled to an equitable adjustment of the Contract Time and Contract Sum. Such causes may include but are not limited to labor shortages or unavailability of workers, supply chain disruption, inability of personnel to work due to federal, state or local executive orders, subcontractor delays or increased costs, unusual delays in deliveries, delayed inspections or permit approvals, material or equipment cost increases or delays, import delays, and other similar causes beyond Contractor's reasonable control.

Neither Party shall be considered to be in default in performance of any obligation hereunder if failure of performance shall be due to a Force Majeure Event. For the purposes of this Agreement, the term, "Force Majeure Event", shall mean any cause beyond the control of the Party affected, including, but not limited to, flood, earthquake, storm, fire, lightning, epidemic, war, riot, civil disturbance, labor disturbance (except as excluded herein), sabotage, other "Acts of God", and restraint by court order or public authority, which by exercise of due foresight such Party could not reasonably have been expected to avoid, and which by exercise of due diligence it is unable to overcome. Notwithstanding anything to the contrary, the term Force Majeure Event shall not be deemed to include (a) any labor disturbance affecting either Contractor or any Subcontractor (except Subcontractors that have been selected by Owner), to the extent that such labor disturbance involves direct employees of Contractor or any Subcontractor who are performing Work on the Project, except for a national strike in the United States, (b) the climate for the geographic area of the Project, (c) the occurrence of any manpower or material shortages or (d) any delay, default or failure (direct or indirect) in obtaining materials, or any Subcontractor or worker performing any Work or any other delay, default or failure (financial or otherwise) of a Subcontractor, vendor or supplier. Neither Party shall, however, be relieved of liability for failure of performance if such failure is due to causes arising out of its own acts, omissions or negligence or to removable or remediable causes that it fails to remove or remedy with reasonable dispatch. The Party claiming a Force Majeure Event shall give the other Party prompt written notice of the Force Majeure Event.

Building Permits, Charges and Exactions

Owner will provide and pay for all necessary building permits. Contractor shall not be responsible for any bonds, assessments, hookup charges, fees, taxes for any utilities, public agencies, or governments other than herein provided.

Labor and Material

Contractor shall pay all valid charges for labor and material incurred by Contractor and used in the work hereinabove specified.

Contract Price and Payment Thereof

For all services performed by Contractor on this Project, the Owner will pay Contractor the total price in accordance with the schedule of value appended hereto in the proposal.

No Payment in the Event of Default

Owner shall have no obligation to make any payment to Contractor at any time when one of the reasons exist which allow Owner to terminate the Contract for cause as provided in Section "Termination for Default by Contractor" of this Agreement.

Construction Financing

If payment of the contract price is to be made by Owner through a construction lender, Owner hereby represents, affirms, and covenants that the construction loan fund is sufficient to pay the contract price and that Owner shall take all acts necessary to expedite timely payment from the construction lender. Owner hereby irrevocably authorizes the construction lender to make payment of the contract price directly to The Contractor.

Extra Work & Deviations from Original Contract Work

Should Owner, construction lender if any, or any public or governmental agency or inspector direct any deletion from, modification of, or addition to the work as hereinabove specified, the costs of such deletion(s), modification(s), or addition(s) shall be added to or deducted from the contract price, as hereinabove defined, as the circumstances dictate. Any and all deletions from, modifications of, or additions to the scope of work prescribed by this Construction Agreement together with the adjustment to contract price shall be made or otherwise memorialized in a writing signed by Owner and Contractor prior to any obligation in kind or character on the part of the Contractor to recognize, honor, or adhere to such changes.

Allowances

If the contract price, as hereinabove defined, includes allowances of any kind, and the cost of performing the work covered by an allowance is either greater or less than the allowance, then this Construction Agreement shall be increased or decreased accordingly. Unless otherwise requested by Owner in writing, Contractor shall use its judgment in accomplishing work covered by an allowance. If Owner requests that work covered by an allowance be accomplished by the Contractor in such a way that the cost will exceed the allowance, Contractor will be obligated to comply with Owner's request only upon payment by Owner of the additional costs in advance.

Insurance, Bonds and Indemnity

Contractor shall maintain at its cost the following minimum insurance and coverage throughout the term of the Agreement:

1. Comprehensive General Liability or Commercial General Liability: The limits of the liability shall not be less than:
a. Comprehensive General Liability: $1,000,000 combined single limit bodily/property damage per occurrence or;
b. Commercial General Liability: Each occurrence limit $1,000,000; Personal & Advertising injury limit $1,000,000; Products completed operations aggregate limit $1,000,000; General aggregate limit $2,000,000
2. Workers' Compensation: Liability limits to cover statutory requirements and maintain limits of employer's liability; bodily injury by accident $1,000,000 each accident; injury by disease $1,000,000 policy limit; bodily injury by disease $1,000,000 each employee.
3. Commercial Auto Coverage: Auto liability limits of $1,000,000 each accident combined bodily injury and property damage liability insurance, including but not limited to, owned autos, hired or non-hired autos.

Contractor agrees to indemnify and hold harmless Owner from any and all claims, loss, or expense of every kind whatsoever which may arise from Contractor's negligent acts or omissions or breach of its obligations hereunder.

If required by the Owner, the Contractor shall maintain builder's risk property insurance respecting the Property in an amount equal to the full insurable value thereof and the risk of casualty loss or damage to the Property shall be borne by Contractor.

Performance/Payment Bond

If required by the Owner, a Performance Bond and a Payment Bond in a form satisfactory to the Owner shall be furnished in the full amount of the price of the Contract Agreement as set forth herein. If the Owner requires such Bonds after this Agreement, the cost thereof shall be paid by Owner as a change to the Contract Agreement, otherwise it shall be included in the Contract Agreement.

Warranties

Contractor warrants, that for a period of one (1) year commencing on the earlier of Final Completion of all the Work ("Primary Warranty Period"), under this Agreement be, in a good and workmanlike manner, and in strict conformity with the terms and conditions of this Agreement, the Design Documents, all applicable Permits, all applicable Laws, and prudent construction practices; and (ii) all materials shall be free of defects and deficiencies, free from any encumbrances or liens and shall be in strict conformity with the terms and conditions of this Agreement.

Remedy

If the warranty set forth in Section 16 is breached within the Primary Warranty Period, Contractor shall correct the defective workmanship and/or material, as the case may be, on an expedited basis, at no cost to Owner and at Contractor's sole cost. Owner shall provide Contractor with full and free access to the work sites to perform its warranty obligations under this Agreement.

Termination for Convenience by Owner

If Owner fails to perform any material terms of this Agreement and/or pay to Contractor any undisputed payment as required hereunder and such failure continues for thirty (30) Days after Notice has been given to Owner by Contractor, the Contractor may terminate this Agreement immediately. In the event of such a termination by Contractor. The Contractor may institute legal proceedings to recover all costs incurred until the date of termination and any and all damages as permitted by law. Owner acknowledges that Contractor would suffer damages including the loss of profit which Contractor would otherwise have realized upon full performance of this Construction Agreement. It is therefore agreed that in such event Owner will pay Contractor as liquidated damages a sum equal to thirty percent (30%) of the contract price as herein-above defined.

Termination for Default by Owner

The Owner may terminate this Agreement for the Contractor's default by delivering written notice in advance of termination. The Contractor shall be in default under this Agreement upon the occurrence of any of the following events ("Contractor Events of Default"):

(a) Failure by Contractor to perform fully any material provision of this Agreement, including, without limitation, Contractor's failure to supply sufficient qualified personnel or to perform the Work in accordance with the Guaranteed Completion Dates.
(b) Contractor contravenes any applicable Law, applicable Permit, ordinance, ruling, regulation or orders of any governmental authority or court which materially impacts the ability of Contractor to perform the Work in accordance with this Agreement.
(c) Contractor becomes insolvent, or generally does not pay its debts as they become due, or admits in writing its inability to pay its debts, or makes an assignment for the benefit of creditors or insolvency, receivership, reorganization or bankruptcy proceedings are commenced by Contractor; and
(d) Insolvency, receivership, reorganization or bankruptcy proceedings are commenced against Contractor, and such proceedings are not terminated, stayed or dismissed within sixty (60) Days after the commencement thereof.

Owner shall give Notice of any Contractor Events of Default to Contractor. If (A) any of the defaults described in clauses (a) and (b) in Section 19 is not cured within thirty (30) Days, (B) corrective action is not commenced within ten (10) Days of receipt of Notice from Owner with respect to nonmonetary defaults which cannot be cured within thirty (30) Days, and such corrective action completed within a reasonable period of time to be mutually agreed upon by Owner and Contractor within ten (10) Business Days after receipt of Notice from Owner or, absent such mutual agreement, completed within the time period proposed by Owner, or (C) upon the occurrence of a default described in clause (d) or (e), then Owner may terminate this Agreement and take possession of all equipment, materials and supplies and complete the Work as Owner deems expedient. The total cost of completing the Work shall be charged to Contractor. Contractor shall pay to Owner the total cost to complete the Work within sixty (60) Days following receipt of Owner's demand for such payment. The remedies set forth in this section shall not be exclusive and Owner shall have the right to pursue any other remedies under this Agreement or at law or in equity. Such termination shall not affect Contractor's representations or warranties.

Termination for Default by Contractor

If Owner fails to perform any material terms of this Agreement and/or pay to Contractor any undisputed payment as required hereunder and such failure continues for thirty (30) Days after Notice has been given to Owner by Contractor, the Contractor may terminate this Agreement immediately. In the event of such a termination by Contractor. The Contractor may institute legal proceedings to recover all costs incurred until the date of termination and any and all damages as permitted by law. Owner acknowledges that Contractor would suffer damages including the loss of profit which Contractor would otherwise have realized upon full performance of this Construction Agreement. It is therefore agreed that in such event Owner will pay Contractor as liquidated damages a sum equal to thirty percent (30%) of the contract price as herein-above defined.

Delay

Contractor shall be not be liable to Owner or any person, corporation, partnership, or other legal entity claiming by, though, or under Owner for any delays in completion of this Construction Agreement regardless of the cause, source, or nature of such delay.

Concealed Conditions

If Contractor should encounter concealed conditions that were not reasonably anticipated by Contractor at the time of execution of this Construction Agreement, Contractor shall bring the existence and nature of such concealed conditions to the attention of Owner. If such concealed conditions prevent, preclude, or obstruct performance by Contractor of the work herein prescribed, or burden the scope of work as herein defined by requiring additional work by Contractor to address, correct, and/or rectify such concealed defects, then the scope of work and contract price as hereinabove defined shall be adjusted in accordance with account for all courses of action necessary to address, correct, and/or rectify such concealed conditions.

Hazardous Conditions and Materials

Owner hereby warrants that all required inspections have been performed to ascertain the existence of or presence upon the Subject Property of any hazardous conditions or materials, including without limitation asbestos and radon gas, and Owner further hereby agrees to indemnify and hold Contractor harmless from any and all liability for the same.

Additional Warranties Provided by Law

Contractor shall be obligated to, and Owner shall have the benefit of, all warranties provided by law.

Clean Up

It shall be Contractors responsibility at regular and appropriate intervals as well as upon completion of the work herein prescribed to clean up the jobsite as described in the scope of work.

Attorney's Fees

In the event that any proceedings of a judicial or quasi-judicial nature are instituted by any party to this Construction Agreement to secure performance of any of the obligations herein set forth, the prevailing party in such a proceeding shall be entitled to recover, in addition to all other relief provided by law, its reasonable attorney's fees.

Governing Law

This Construction Agreement shall in all respects be governed by and construed in accordance with the law of the State. Should any provision of this Construction Agreement become void or voidable by decision of any court or act of any legislative or quasi---legislative body or entity, then such provision shall be regarded as automatically amended to comply with such decision or act in a manner most favorable to Contractor

Completeness of Agreement

QUOTE

VORTEX

This Construction Agreement comprises the sole, exclusive, and totality covenants, and stipulations to which the parties agree. None of the terms, conditions, conversations, comments, representations, negotiations, statements, or other communications not specifically provided for herein shall be deemed to have survived execution.

Modification

With respect to all matters not governed by hereof, this Construction Agreement may not be modified except by separate written instrument executed by Owner and Contractor.

Effective Date

This Construction Agreement shall become effective, binding, and enforceable as against all parties upon the last date of execution by any such party.

Initial Here

Statement of Work Details

Inclusions General Items

- Participation to pre-construction, project updates and safety meetings as required (Via Teams/Zoom video conference calls or audio calls)
- The installation work includes a maximum of 2 on-site mobilizations for the completion of project
- Unloading of Vortex equipment, provided only if the site is ready for installation when the products are shipped
- Site layout based on provided Datums for the splashpad area and mechanical room, tank and debris trap if applicable
- Clean-up of the area occupied by Vortex during the construction

Customer's Responsibility & Exclusions from Vortex' Scope of Work

- All necessary permits for the required work unless specified otherwise
- All inspection fees (Rebar, plumbing, electrical, sewer, compaction) unless specified otherwise
- Geotechnical soil reports and materials/compaction testing
- Customer needs to ensure that all footings shall rest on Homogeneous layer of undisturbed soil or engineered backfill with a minimum allowable bearing capacity of 100 KPA (2000 PSF) and maximum differential settlement of 19 mm (0.75"). All organic material shall be removed. (applicable for Waterslide installation)
- Site survey and location of reference points (Datum) and elevation
- Grading plans, Erosion and control plans, Storm water management plans and landscaping plans
- Sewer or water tap fees, if required
- Water or electrical meter fees, if required
- Additional requirements set forth by the local health department and/or code enforcement not previously agreed upon as of the date of this estimate
- Additional electrical requirements if the existing power supply system is not sufficient to handle the electrical requirements
- Additional plumbing requirements if the existing water supply, waste water line and/or storm drain is not sufficient or within the parameters established
- Installation of anchors (applicable for Waterslide installation)
- Installation of Concrete Footings (applicable for Waterslide installation)
- Grouting under columns and steel structure. (applicable for Waterslide installation)
- Water supply piping, including brackets required to support water pipes to the structure. (applicable for Waterslide installation)
- Engineering & sizing of water recirculation system. (applicable for Waterslide installation)

- Laydown area and adequate access to work areas shall be provided to Vortex installers.
- Demolition of any existing concrete, pass, parking areas, features or structures
- Tracking pads and/or access roads to the construction site
- Removal and handling of contaminated/stained or unsuitable soil, or buried obstructions
- Final landscaping (grading, seeding, sod, shrubs, silt socks, etc.)
- Dry play park products purchase and installation
- Benches, tables and shades purchase and installation
- Drain pit form and place in customer supplied mechanical room

Other clauses that may incur additional expenses to be borne by the client:

- Any location or relocation of underground utilities and/or irrigation piping is the responsibility of the owner or its agent. If any utilities encountered and not identified by the local utility providers requires relocation or modification, it is the responsibility of the owner or its agent and no cost shall be borne by Vortex for such work.
- SUB-SURFACE CONDITIONS: Owner shall absorb all costs incurred from unknown conditions such as rock removal, poor digging conditions or pour soil bearing capacity, less than 3000 PSF or a water table higher than 10 ft below finished grade. If material is so large or so large or cumbersome that it cannot be removed with a mini excavator, then that part of excavation that requires other methods of removal or remediation such as, but not limited to, shoring, pneumatic jack hammer, backhoe, hydraulic rock breaker, or dynamite, will be billed on a time and material basis.
- It is assumed that the site does not necessitate the use of a concrete pump truck. If concrete pump truck is needed, Owner shall absorb all associated costs.
- Installation and construction to occur during normal daytime business hours, not including holidays. It is assumed that there is no restrictions on workdays and work hours.
- This contract includes a definite number of mobilizations (see inclusions), any mobilization beyond the contracted amount mentioned herein is subject to a $3,500.00 fee for each remobilization thereafter. If for any reason, external factors (other than weather), cause the suspension of work, Vortex USA Inc. may be entitled to additional time and cost associated with demobilization and remobilization, mileage, labor and travel time.
- Vortex USA Inc. maintains comprehensive insurance coverage. This coverage is available upon written request. Any insurance coverage required for specific projects above Cicero's norm is not included in this proposal.

- A Performance and Payment Bond is not included in the price of this contract unless specifically included in the quote. This cost would be determined if bond is a requirement and price or design adjusted accordingly. Bond typically costs 5% of the total project.

	Mayor
Signature	Title
Ashley Lara	April 14, 2026
Printed Name	Date

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Revised March 19, 2026: removed landscape repair and Alternates from the scope of work.

DYKSTRA PARK SPLASH PAD

Splash Pad Design and Installation Proposal

Per Land Expressions Site Plan revised through 03.16.26, with Vortex Concept dated 04.10.25 and assumed conditions:

CONSTRUCTION DRAWINGS

- Develop permit drawing set including cover sheet, splash pad piping schematics, splash pad specific grading plan (for DOH)necessary splash pad details for conveying design requirements and install.
- Note on plan style specifications.
- **AQUATIC ENGINEERING/STAMP IS NOT INCLUDED.**

SITE ACCESS / PROTECTION

- Land Expressions to provide 6' chain link security fence around main splash pad during construction.
- **No provisions made for existing trail or parking lot.**

TRENCHING | EXCAVATION

- Layout splash pad edges and fixtures by triangulation (no survey included).
- Trench for all piping.
- Bed pipe under splash pad slab with structural backfill and backfill using native soil where possible everywhere else.
- Spoils left over from excavation and trenching to be spread on site or removed by the City.

DRAIN PIPING | FIXTURES

- Install Vortex supplied equipment:
  - Set supplied drain fixtures to proper elevation.
  - Supply and install all lateral and transmission piping, Schedule 40 pipe.
  - Supply and install backwater valve on main drain prior to sanitary connection.
  - Supply and install drain line from cabinet per requirements. Tie into splash pad maindrain.
  - Supply and install a cleanout for main drain line to manhole.

EMBEDS | FOOTINGS

- Set grade and excavate for footings.
- Set and pour sonotube footings.
- Wet set hardware for niches, supplied by Vortex.
- Set cans to grade, supplied by Vortex.

EXTERIOR FEATURE PIPING

- Supply and install all piping from splash pad fixtures to Cabinet location next to splash pad, Schedule 80 pipe.
  - assumes equipment located adjacent to splash pad
  - assumes sewer tie in per site plan provided by Land Expressions.
  - assumes threaded POC in provided per site plan and PRV and backflow installed by City for isolation/winterization.

CONCRETE

- Remove section of existing walk and replace at restroom.
- 4" walk from restroom to splash pad:
  - Remove grass, excavate to establish rough grade. Haul spoils off site.
  - Supply and install 4" gravel base, fine grade gravel and compact.
  - Form, rebar 2' OCEW, pour back with 4000 PSI concrete.
  - Grey, medium broom finish and apply sealer.
- 6" splash pad and perimeter:
  - Remove grass, excavate to establish rough grade. Haul spoils off site.
  - Supply and install 4" gravel base, fine grade gravel and compact.
  - Form, rebar 2' OCEW, pour back with 4000 PSI concrete.
  - Soft cut joints.
  - Grey, medium broom finish and apply sealer.

ELECTRICAL

- Install (1) 20A 120V circuit with Emergency disconnecting means on outside of bathrooom structure. Will pull power from existing bathroom panel.
- Install conduit from power to cabinet and cabinet to activation bollard.
- Install water bond, equal potential bond to every metal part in splash pad area: spray nozzles, exposed metal parts, activator.
- Install and make all wiring connections.
- Includes L and I permit and inspection.

TRIMOUT | COMMISSIONING

- Install cabinet supplied by Vortex.
- Connect all piping from fixtures to manifold at cabinet. Exposed piping will be schedule 80 PVC.
- Connect potable water to manifold.
- Flush all fixtures prior to installing equipment.
- Set/mount all Vortex supplied splash pad fixtures.
- Start up and field adjust all flows.
- Field adjust programming / events on controller as required.
- Provide owner walkthrough and training.
- Provide as builts upon completion.

BIDDING NOTES:

- In the event of a discrepancy between this Proposal/Exhibit A or the landscape plans, this Proposal/Exhibit A takes precedence.
- Pricing valid for 30 days.
- Costs based on **Prevailing Wages.**
- Sales tax has not been included.
- Turf grass is not warranted.
- City to provide grade +/- .1' allowing for specified gravel and concrete installation.
- Access and staging area to be provided by City.
- Proposal assumes a metered, threaded Point of Connection will be provided with a minimum flow and working pressure suitable for splash pad installation.
- Proposal assumes a 6" sanitary tie in at required invert will be provided by City for splash pad installation.
- City may need to provide submittals and documents regarding existing facilities to acquire a Department of Health permit.
- City will need to develop operator plan for operator's permit for the splash pad.
- Joint sealing requires 28 day cure time on concrete and completely dry for 72 hrs typically.
- City may want to extend the site fence for sod grow in. We would remove immediately upon completion unless directed otherwise.

EXCLUSIONS:

- Any necessary permits or bonding. Land Expressions will provide support and coordination with Vortex and the City to acquire the Department of Health permit. All other trade or building permits are by the City.
- Professional surveying or staking.
- Any structures.
- Site furniture.
- All electrical work or area/facility lighting outside of that specifically outlined.
- Any boring, concrete or asphalt cutting and repair to accommodate sleeving or other improvements.
- Dry well installation or area drains.
- Jack hammering or other means required if rock is encountered.
- TESC work / civil work / demolition / utility work / Arborist Fees / protection of existing / engineering / soils testing / traffic control.
- Post Installation Maintenance.
- Disposal or export of excess soils generated if they cannot be spread on site.
- Manhole / sewer piping.
- Potable water, tap, tap fee, PRV, RPB or other backflow device required. If RPB enclosure is required, to be installed by owner.
- Splash pad equipment of any kind.
- Area or facility lighting.
- Restroom improvements or other improvements required by governing agencies.
- City to remove existing play features and utilities in conflict with splash pad.
- All soil import or placement, irrigation changes, or sod to repair landscape disturbed by construction activities.

Signature for Approval - Client Ashley Lara, Mayor

April 14, 2026
Date

CITY OF GRANDVIEW
AGENDA ITEM HISTORY/COMMENTARY
COMMITTEE-OF-THE-WHOLE MEETING

ITEM TITLE	**AGENDA NO.:** New Business 3 (B)
Water & Sewer Connection Fees	**AGENDA DATE:** April 14, 2026
DEPARTMENT	**FUNDING CERTIFICATION** (City Treasurer) (If applicable)
Administration	N/A

DEPARTMENT HEAD REVIEW

Shane Fisher, City Administrator

CITY ADMINISTRATOR **MAYOR**

ITEM HISTORY (Previous council reviews, action related to this item and other pertinent history)

Currently, the City of Grandview charges $700.00 for a Sewer Connection Fee and $686.00 for a Water Connection Fee. These fees have not been adjusted since 1997.

ITEM COMMENTARY (Background, discussion, key points, recommendations, etc.) Please identify any or all impacts this proposed action would have on the City budget, personnel resources, and/or residents.

The City of Grandview is proposing an adjustment to water and sewer connection fees to ensure the continued reliability, sustainability, and regulatory compliance of our utility systems. These one-time fees are charged to new development to help offset the cost of expanding infrastructure needed to serve growth.

Growth-Driven Infrastructure Demand
Grandview is experiencing significant residential and commercial growth, with multiple housing developments underway and additional projects in permitting. Each new connection increases demand on our water and sewer systems, including pipes, pump stations, storage, and treatment capacity.

Connection fees must reflect the true cost of providing this expanded capacity so that existing residents are not subsidizing growth.

Equity Between Existing and New Customers
Connection fees are designed to promote fairness. Existing residents and businesses have already invested in the system through past rates and taxes. Increasing connection fees ensures that growth pays for growth, current customers are not burdened with costs created by new development, and the City maintains a balanced and equitable utility funding structure, as well as financial sustainability and rate stability.

Properly structured connection fees help reduce long-term pressure on monthly utility rates. By collecting appropriate upfront contributions from new developments, the City can maintain adequate reserves for maintenance and emergencies, and support long-term financial planning and bond financing for major projects.

Alignment with Regional Practices
A review of comparable municipalities in Yakima County and across Washington State indicates that Grandview's current connection fees are below or not keeping pace with regional averages. Updating these fees ensures the City remains competitive while also fiscally responsible.

Conclusion
Adjusting water and sewer connection fees is a necessary and responsible step to ensure that Grandview can continue to grow in a sustainable manner while maintaining high-quality utility services. This approach protects existing residents, supports economic development, and ensures compliance with state and federal requirements.

ACTION PROPOSED

Staff are seeking direction from City Council on this matter.

CITY OF GRANDVIEW
WATER SYSTEM DEVELOPMENT CHARGE REVIEW
October 2025 - Revised

Connection Fee Background

The City currently charges $686.00 for a new 3/4" water connection, including an application cost of $576.00 and a capital cost of $110.00. The purpose of this study is to evaluate and recommend appropriate System Development Charges (SDCs) for new connections to the City's water system. SDCs are one-time fees charged to new connections to recover a share of the capital costs required to provide additional system capacity or use available existing capacity. Other common names for SDC include impact fee, capacity fee, expansion charge, or capital recovery fee.

In addition to SDCs, direct labor costs for infrastructure installation and indirect administrative cost also contribute to the overall cost to serve a new customer. These one-time charges help ensure that new development contributes to the infrastructure needed to serve it, instead of shifting the financial burden to existing customers by increasing rates.

This report will analyze a few different methods of calculating SDCs to determine the most equitable fee. The methods include reviewing the City's current water system value, current and future capacity, future improvement plans, and expected growth to recommend fair and reasonable connection fees. The City desires to update this fee, and fees for subsequent meter/connection sizes to reflect the value of the existing water system and anticipated capacity expansion projects more accurately.

Existing System Value

The first step in determining a reasonable SDC is to calculate the value of the existing water system. The City's 2022 *Water System Plan* identifies 14 active and inactive source wells, two current and one future water storage reservoir, and approximately 49.5 miles of various sized potable water piping. Individual costs per well, reservoir, and pipe size were estimated to calculate the value of the total system. The estimated system component replacement costs are listed below, and costs for each component of the City's water system are included in Appendix 2.

Piping	=	$32,039,520
Source Wells	=	$9,988,800
Water Storage Reservoirs	=	$13,156,000
		$55,184,320

Water System Development Charge Determination

An Equivalent Residential Unit (ERU) is a standard measure used to represent the typical water demand of a single-family home and provides a common basis for calculating SDCs across different types of properties. Three methods will be compared in the table below, offering a range of potential SDCs. Method 1 divides the current system value by the current ERUs to determine a cost per ERU. Method 2 also considers the entire system cost, but computes the SDC by dividing the system cost and the total system ERU capacity. Method 3 examines the two recent 3.0 MG Reservoir and Country Park Well capacity upgrade projects and calculates the cost per new connection.

All three methods are based upon the cost per one new ERU connection. It is recommended that new connections greater than one ERU, like commercial, industrial, or retail customers, should be evaluated on an individual use basis and the cost per ERU multiplied accordingly.

Table 1 – Water System SDC Calculation Comparison			
Method 1 – Total System Value vs 2025 ERUs			
	System Value ($)	2025 ERUs ERU_{ADD}	SDC Cost ($ / ERU)
SDC Calculation:	$55,184,320	9,669	**$5,708**
Method 2 – Total System Value vs Total System Capacity			
	System Value ($)	System ERU Capacity [1] ERU_{ADD}	SDC Cost ($ / ERU)
SDC Calculation:	$55,184,320	18,480	**$2,987**
Method 3 – Capacity Improvement Projects			
	New 3.0 MG Reservoir [2] ($ / ERU)	New Country Park Well [3] $ / ERU	SDC Cost ($ / ERU)
SDC Calculation:	$1,286	$685.00	**$1,971**
Other Labor Costs			
	Indirect Labor ($)	Direct Labor ($)	SDC Cost $ / Install (Res.)
Cost:	$200	$1,500	**$1,700**

Notes:
[1]Limited by standby storage capacity
[2] New reservoir and transmission main project cost approximately $11.3 million, and added 8,790 ERUs to the City system, resulting in a final storage capacity of 18,480 ERUs.
[3]Country Park Well costs approximately $3.6 million, and will add 5,255.5 ERUs to the system by increasing source capacity. After the well is complete, reservoir storage will be most limiting component.

Using the City's 2022 Water System Plan (WSP) and a straight-line projection from 2022 to 2032, approximately 9,669 ERUs are projected for 2025. Dividing the total system cost by the 2025 Average Day Demand (ADD) ERU value, the calculated SDC cost per ERU connection for Method 1 is $5,708.

After completion of the new 3.0 MG Reservoir project, the total system capacity will be limited by standby storage to 18,480 ERUs. Calculating the cost per ERU in Method 2 yields a result of $2,987 per connection.

Finally, the lowest SDC is computed using Method 3 and reviewing each recent capacity improvement project individually. When evaluating the cost per ERU for the 3.0 MG Reservoir and Country Park Well projects, the total cost is approximately $1,971 per ERU.

Direct costs associated with installation of new residential water service from the distribution main to the water meter are generally the developer's responsibility. However, the City of Grandview incurs direct costs through supplying and installing the meter and meter box, and indirect administrative costs, such as inspection and customer account setup. Therefore, a direct labor cost of $1,500 and an indirect cost of $200 is estimated in addition to the SDC. Direct and indirect costs for larger industrial and commercial connections (above 1" meter size) are recommended to be evaluated on an individual basis to capture the total costs of the specific connection.

System Development Charge Summary

The ultimate goal of collecting Water System Connection Fees is to develop a capital improvement fund to construct projects that allow the capacity of the water system to increase without taking on debt service. In Grandview's case, a new water storage reservoir and new source well are anticipated to be completed in 2026 to adequately serve the City's 2040 growth projection. New developments are benefitting from both existing infrastructure and these capacity improvements.

It is recommended the City consider setting new connection fees equal to the total value of the system divided by the total system capacity (Method 2). Method 2 directly calculates the cost impact of an ERU on the City's overall water system capacity. Considering the wide range from current connection fee of $686 and calculated Method 2 connection fee of $4,687 ($2,987 SDC + $1,700 in/direct costs = $4,687) including indirect costs, the City may choose to increase the fee in phases over a couple of years. Considering nearby cities charge between $2,000 and $5,000 per new water connection (see Appendix 1), the connection fee resulting from Method 2 would be a reasonable selection. Ultimately, the choice to increase the fee is based upon City Council considerations, desire to build capital improvement reserves, and determination of what fee will serve the water utility best without hindering private development.

APPENDIX 1 – Regional Water and Sewer Rate Comparison:

City of Grandview Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Residential	$43.68
Connection Fee	Per Installation	$680
Inspect Fee	Per Installation	$20
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	3/4" Meter / 1" Meter	$27.77 / $32.39
Connection Charge	3/4" Meter / 1" Meter	$576 / $672
Capital Cost	Per Installation	$110
Note: - Grandview is in process of reevaluating water and sewer connection fees for 2026.		

City of Prosser Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Residential	$45.11
Connection Fee	Per Installation	$591
Inspect Fee	Per Installation	$279.05
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	3/4" Meter / 1" Meter	$36.97
Connection Charge	3/4" Meter / 1" Meter	$591
Install and Inspection	3/4" Meter / 1" Meter	$1,029 / $1,145
Note: - Prosser is in process of reevaluating water and sewer connection fees for 2026.		

City of Sunnyside Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Residential	$47.53
Tap Fee	Per Installation	$3,300
Equity Fee	Per ERU	$2,730
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	3/4" Meter / 1" Meter	$21.35 / $35.57
Connection Charge	3/4" Meter / 1" Meter	$1,638 / $1,911
Meter Install Fee	3/4" Meter / 1" Meter	$273 / $327
Equity Fee	Per ERU	$3,822

Town of Naches Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Rate	Single Family	$74.26
Connection Charge	per ERU	$1,250
Plant Investment Fee	3/4" Meter / 1" Meter	$2,040 / $2,600
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Rate	3/4" Meter / 1" Meter	$33.07 / $45.06
Connection Charge	3/4" Meter / 1" Meter	$1,400 / $1,620
Plant Investment Fee	3/4" Meter / 1" Meter	$1,530 / $1,950

City of Tieton Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Rate	Single Family	$58.44
Connection Charge	Single Family	$250
Impact Fee	Single Family	$625
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Rate	Single Family	$39.42
Connection Charge	Single Family	$350
Impact Fee	Single Family	$625

City of Selah Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Single Family	$97.94
Connection Charge	ERU	$2,500
Area-Specific	Varies	Varies
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	3/4" Meter / 1" Meter	$24.68 / $32.80
Connection Charge	3/4" Meter / 1" Meter	$1,400 / $1,620
Area-Specific	Varies	Varies

Note:

1. Selah has developed "capital recovery areas" and assigned an additional cost to new residences inside the area. For example, development within the Lookout Point Reservoir area pays an additional $1,541 of capital recovery. The additional sewer connection fee within the Crusher Canyon area is $1,518.
2. Selah's sewer connection fee receives an annual increase of 2.5% per City code.

City of Moxee Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Single Family	$44.00
Connection Charge	Per ERU	$3,300
Main Tap & Admin. Fee	Per Installation	Actual Cost + 5%
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Residential	$27.00
Connection Charge	ERU	$3,300
Meter Install & Admin. Fee	Per Installation	Actual Cost + 5%
Note: 1. Moxee elected to increase rate and connection fees in 3-year increments by ordinance from 2022 to 2024.		

Benton City Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Residential	$49.54
Connection Fee	Per Installation	$3,850
Inspect Fee	Per Installation	$100
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	3/4" Meter / 1" Meter	$35.34 / $42.03
Connection Charge	1" Meter	$3,500
Capital Cost	Per Installation	$110
Note: Benton City increases rates annually by 2.5%		

City of Union Gap Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Residential	$59.06
Infrastructure Charge	Per ERU	$2,157
Application Fee	Per Installation	$25
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	3/4" Meter / 1" Meter	$25.31 / $35.86
Infrastructure Charge	Per ERU	$1,844.26
Install Charge	3/4" Meter / 1" Meter	$3,624.61 / $4,050.99

Appendix 2 - SDC Calculations

Background and Assumptions

1 System costs calculated based on present-day cost
2 Pipe lengths and system infrastruture based on City's 2022 General Sewer Plan.
3 Estimated 2025 ERU based on straight-line projection from 2022 Water System Plan

Water System Component Costs

Piping

<2-inch

Length	2,125.0	ft
Cost per ft	40.0	$/ft
Value to System	85,000.0	$

2-inch

Length	7,521.0	ft
Cost per ft	40.0	$/ft
Value to System	300,840.0	$

3-inch

Length	557.0	ft
Cost per ft	60.0	$/ft
Value to System	33,420.0	$

4-inch

Length	8,426.0	ft
Cost per ft	60.0	$/ft
Value to System	505,560.0	$

6-inch

Length	85,710.0	ft
Cost per ft	100.0	$/ft
Value to System	8,571,000.0	$

Water System Component Costs - Continued

Piping

8-inch

Length	60,536.0	ft
Cost per ft	120.0	$/ft
Value to System	7,264,320.0	$

10-inch

Length	26,864.0	ft
Cost per ft	140.0	$/ft
Value to System	3,760,960.0	$

12-inch

Length	44,186.0	ft
Cost per ft	150.0	$/ft
Value to System	6,627,900.0	$

14-inch

Length	4,227.0	ft
Cost per ft	160.0	$/ft
Value to System	676,320.0	$

16-inch

Length	21,071.0	ft
Cost per ft	200.0	$/ft
Value to System	4,214,200.0	$

Total Piping Length	261,223.0	lf	=	49.47 miles
Total Piping Value	32,039,520.0	$		

Water System Component Costs - Continued

City Wells

West Main Well (Source No. S01)

Depth	247.0	ft
Design Flow (Q)	135.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	296,400.0	$

Balcom & Moe Well (Source No. S02)

Depth	1,154.0	ft
Design Flow (Q)	268.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	1,384,800.0	$

Velma Well (Source No. S03)

Depth	760.0	ft
Design Flow (Q)	102.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	912,000.0	$

Eucid Well (Source No. S06) (Inactive)

Depth	248.0	ft
Design Flow (Q)	30.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	297,600.0	$

Water System Component Costs - Continued

City Wells

Olmstead A Well (Source No. S07) (Inactive)

Depth	112.0	ft
Design Flow (Q)	245.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	134,400.0	$

Appleway Well (Source No. S08)

Depth	342.0	ft
Design Flow (Q)	93.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	410,400.0	$

North Wiloughby Well (Source No. S10)

Depth	610.0	ft
Design Flow (Q)	315.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	732,000.0	$

Highland Well (Source No. S11)

Depth	250.0	ft
Design Flow (Q)	42.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	300,000.0	$

Pecan A Well (Source No. S12) (Inactive)

Depth	269.0	ft
Design Flow (Q)	315.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	322,800.0	$

Water System Component Costs - Continued

City Wells

South Wiloughby Well (Source No. S13)

Depth	1,200.0	ft
Design Flow (Q)	1,770.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	1,440,000.0	$

Butternut Well (Source No. S14)

Depth	1,294.0	ft
Design Flow (Q)	1,400.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	1,552,800.0	$

Olmstead B Well (Source No. S16)

Depth	623.0	ft
Design Flow (Q)	40.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	747,600.0	$

Ashael Curtis Well (Source No. S17)

Depth	720.0	ft
Design Flow (Q)	101.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	864,000.0	$

Pecan B Well (Source No. S18)

Depth	495.0	ft
Design Flow (Q)	70.0	gpm
Cost per ft	1,200.0	$/ft
Value to System	594,000.0	$

Total Source Well Value 9,988,800.0 $

Water System Component Costs - Continued

City Reservoirs

Reservoir 1

Construction	Steel	ft
Volume	3,017,000.0	gal
Cost per gal	2.0	$/gal
Value to System	6,034,000.0	$

Reservoir 2

Construction	Steel	ft
Volume	544,000.0	gal
Cost per gal	2.0	$/gal
Value to System	1,088,000.0	$

Reservoir 3 (Const. 2026)

Construction	Steel	ft
Volume	3,017,000.0	gal
Cost per gal	2.0	$/gal
Value to System	6,034,000.0	$

Total Storage Reservoir Value 13,156,000.0 $

SDC Calculation:

Method 1 - 2025 ERUs

Water System Value Analysis

System Value	55,184,320.0	$
2025 ERUs	9,669.0	#
Cost per ERU	5,708.00	$/ERU

Direct/Indirect Labor Costs

Direct Labor Cost	1,500.0	$/ERU
Indirect Labor Cost	200.0	$/ERU

Fully-Loaded Cost 7,408.0 $/ERU

SDC Calculation - Continued:

Method 2 - Total System ERUs

Water System Value Analysis

System Value	55,184,320.0	$
Total System ERUs	18,480.0	#
Cost per ERU	2,987.00	$/ERU

Direct/Indirect Labor Costs

Direct Labor Cost	1,500.0	$/ERU
Indirect Labor Cost	200.0	$/ERU

Fully-Loaded Cost	4,687.0	$/ERU

Method 3 - Captial Improvements

Improvement 1 - New 3.0 MG Reservoir

DWSRF Loan	11,300,000.0	$
Additional ERUs to System	8,790.0	ERUs per 2022 WSP
Cost per ERU	1,286.00	$/ERU

Improvement 2 - New Country Park Source Well

DWSRF Loan	3,600,000.0	$
Additional ERUs to System	5,255.5	ERUs per 2022 WSP
Cost per ERU	685.00	$/ERU

Total SDC cost per Water ERU	1,971.0	$/ERU

Direct/Indirect Labor Costs

Direct Labor Cost	1,500.0	$/ERU
Indirect Labor Cost	200.0	$/ERU

Fully-Loaded Cost	3,671.0	$/ERU

CITY OF GRANDVIEW
SEWER SYSTEM DEVELOPMENT CHARGE REVIEW
October 2025 - Revised

Connection Fee Background

The City currently charges a $680.00 Connection Fee plus an inspection fee of $20.00 for new sewer connections, regardless of size. The purpose of this study is to evaluate and recommend appropriate System Development Charges (SDCs) for new connections to the City's sewer system. SDCs are one-time fees charged to new connections to recover a share of the capital costs required to provide additional system capacity or use available existing capacity. Other common names for SDC include impact fee, capacity fee, expansion charge, plant investment fee, or capital recovery fee.

In addition to SDCs, direct labor costs for infrastructure installation and indirect administrative cost also contribute to the overall cost to serve a new customer. These one-time charges help ensure that new development contributes to the infrastructure needed to serve it, instead of shifting the financial burden to existing customers by increasing rates.

This report will analyze a few different methods of calculating SDCs to determine the most equitable fee. The methods include reviewing the City's current sewer system value, future improvement plans, and expected growth to recommend fair and reasonable connection fees. The City desires to update this fee, and fees for subsequent meter/connection sizes to reflect the value of the existing sewer system and anticipated capacity expansion projects more accurately.

Existing System Value

The first step in determining a reasonable SDC is to calculate the value of the existing sewer system. The City's 2022 *General Sewer Plan* identifies eight lift stations within the collection system, approximately 30 miles of gravity sewer and force mains, and the City's Wastewater Treatment Plant. Individual costs per lift station and pipe size were estimated to calculate the value of the total system. In addition, the City is planning to construct wastewater treatment plant (WWTP) improvements, and SDC fees include the cost of replacing the WWTP. The estimated system component replacement costs are listed below, and costs for each component of the City's sewer system are included in the Appendix.

Collection System and Force Main	=	$22,895,600
City Lift Stations	=	$9,240,000
Wastewater Treatment Plant	=	$56,250,000
		$88,385,600

Sewer System Development Charge Fee Determination

An Equivalent Residential Unit (ERU) is a standard measure used to represent the typical water demand and sewer discharge of a single-family home and provides a common basis for calculating SDCs across different types of users. Since over 50% of the City's sewer flow is attributed to industrial users, it is beneficial to base connection fees on ERUs and therefore quantify impact to the City's capacity. Two methods will be compared in the table below, offering a range of potential SDCs. New connections greater than one ERU, like commercial, industrial, or retail users, should be evaluated on an individual use basis.

Method 1 divides the current system value by the current ERUs to determine a cost per ERU. In this case, the wastewater treatment plant (WWTP) is rated for 3.50 million gallons per day (MGD) during the maximum month. However, the maximum daily flow during the maximum month as recorded in the 2021 GSP from 2010 to 2020 was only about 2.16 MGD in 2019. Considering a single-family residence discharges approximately 183 gal/day, the current ERUs served by the treatment plant is 11,804 ERUs. See Note 1 in Table 1 for analysis calculations.

Method 2 also considers the entire system cost, but computes the SDC by dividing the system cost and the total system ERU capacity. Given the WWTP maximum day design criteria of 3.50 MGD, the WWTP can support approximately 19,126 ERUs in total.

Table 1 – Sewer System SDC Calculation Comparison			
Method 1 – Total System Value vs 2025 ERUs			
	System Value ($)	2025 ERUs ERU_{MDD}	SDC Cost ($ / ERU)
SDC Calculation:	$88,385,600	11,804	**$7,488**
Method 2 – Total System Value vs Total System ERU Capacity			
	System Value ($)	System ERU Capacity [1] ERU_{MDD}	SDC Cost ($ / ERU)
SDC Calculation:	$88,385,600	19,126	**$4,622**
Other Labor Costs			
	Indirect Labor ($)	Direct Labor ($)	SDC Cost $ / Install (Res.)
Cost:	$200	$0	**$200**

Notes:
[1]The WWTP maximum month design criteria is 3.50 MGD, and the maximum month flow from 2010 to 2020 of 2.16 MGD occurred in October 2019, where approximately 1.58 MGD was industrial flow and 0.58 MGD was domestic flow. Therefore, given a population of 11,762 in 2019 and 3.7 people per household as shown in the City's GSP and WWTP Facility Plan, one single-family residence is estimated to contribute 183 gal/day on a maximum day demand (MDD) basis. Therefore, the WWTP can support up to 19,126 ERUs on an MDD basis.

Direct costs associated with installation of new residential sewer services are generally the developer's responsibility. However, the City of Grandview incurs indirect administrative costs, such as inspection and residential account setup. Therefore, an indirect administrative cost of $200 is estimated in addition to the SDC. Direct and indirect costs for larger industrial and commercial connections are recommended to be evaluated on an individual basis to capture the total costs of the specific connection.

System Value Summary

The ultimate goal of collecting Sewer System Connection Fees is to develop a capital improvement fund to construct projects that allow the capacity of the sewer system to increase without taking on debt service, and to repay existing debt service for previously completed projects. In Grandview's case, the existing infrastructure is expected to adequately serve the City's 2040 growth projection, and new developments are benefitting from past capacity improvements.

It is recommended the City consider setting new connection fees equal to the total value of the system divided by the total WWTP capacity (Method 2). Method 2 directly calculates the cost impact of an ERU on the City's overall sewer system capacity. Considering the wide range from current connection fee of $700 and calculated Method 2 connection fee of $4,822 ($4,622 SDC + $200 indirect labor cost = $4,822) including indirect costs, the City may choose to increase the fee in phases over a couple of years. Considering nearby cities charge between $2,000 and $5,000 per new sewer connection (see Appendix 1), the connection fee resulting from Method 2 would be a reasonable selection. Ultimately, the choice to increase the fee is based upon City Council considerations, desire to build capital improvement reserves, and determination of what fee will serve the sewer utility best without hindering private development.

APPENDIX 1 – Regional Water and Sewer Rate Comparison:

City of Grandview Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Residential	$43.68
Connection Fee	Per Installation	$680
Inspect Fee	Per Installation	$20
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	3/4" Meter / 1" Meter	$27.77 / $32.39
Connection Charge	3/4" Meter / 1" Meter	$576 / $672
Capital Cost	Per Installation	$110
Note: - Grandview is in process of reevaluating water and sewer connection fees for 2026.		

City of Prosser Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Residential	$45.11
Connection Fee	Per Installation	$591
Inspect Fee	Per Installation	$279.05
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	3/4" Meter / 1" Meter	$36.97
Connection Charge	3/4" Meter / 1" Meter	$591
Install and Inspection	3/4" Meter / 1" Meter	$1,029 / $1,145
Note: - Prosser is in process of reevaluating water and sewer connection fees for 2026.		

City of Sunnyside Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Residential	$47.53
Tap Fee	Per Installation	$3,300
Equity Fee	Per ERU	$2,730
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	3/4" Meter / 1" Meter	$21.35 / $35.57
Connection Charge	3/4" Meter / 1" Meter	$1,638 / $1,911
Meter Install Fee	3/4" Meter / 1" Meter	$273 / $327
Equity Fee	Per ERU	$3,822

Town of Naches Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Rate	Single Family	$74.26
Connection Charge	per ERU	$1,250
Plant Investment Fee	3/4" Meter / 1" Meter	$2,040 / $2,600
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Rate	3/4" Meter / 1" Meter	$33.07 / $45.06
Connection Charge	3/4" Meter / 1" Meter	$1,400 / $1,620
Plant Investment Fee	3/4" Meter / 1" Meter	$1,530 / $1,950

City of Tieton Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Rate	Single Family	$58.44
Connection Charge	Single Family	$250
Impact Fee	Single Family	$625
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Rate	Single Family	$39.42
Connection Charge	Single Family	$350
Impact Fee	Single Family	$625

City of Selah Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Single Family	$97.94
Connection Charge	ERU	$2,500
Area-Specific	Varies	Varies
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	3/4" Meter / 1" Meter	$24.68 / $32.80
Connection Charge	3/4" Meter / 1" Meter	$1,400 / $1,620
Area-Specific	Varies	Varies

Note:

1. Selah has developed "capital recovery areas" and assigned an additional cost to new residences inside the area. For example, development within the Lookout Point Reservoir area pays an additional $1,541 of capital recovery. The additional sewer connection fee within the Crusher Canyon area is $1,518.
2. Selah's sewer connection fee receives an annual increase of 2.5% per City code.

City of Moxee Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Single Family	$44.00
Connection Charge	Per ERU	$3,300
Main Tap & Admin. Fee	Per Installation	Actual Cost + 5%
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Residential	$27.00
Connection Charge	ERU	$3,300
Meter Install & Admin. Fee	Per Installation	Actual Cost + 5%
Note: 1. Moxee elected to increase rate and connection fees in 3-year increments by ordinance from 2022 to 2024.		

Benton City Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Residential	$49.54
Connection Fee	Per Installation	$3,850
Inspect Fee	Per Installation	$100
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	3/4" Meter / 1" Meter	$35.34 / $42.03
Connection Charge	1" Meter	$3,500
Capital Cost	Per Installation	$110
Note: Benton City increases rates annually by 2.5%		

City of Union Gap Water/Sewer Fees		
Sewer		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	Residential	$59.06
Infrastructure Charge	Per ERU	$2,157
Application Fee	Per Installation	$25
Water		
Fee Type	**Fee Units**	**Cost**
Monthly Fee	3/4" Meter / 1" Meter	$25.31 / $35.86
Infrastructure Charge	Per ERU	$1,844.26
Install Charge	3/4" Meter / 1" Meter	$3,624.61 / $4,050.99

Appendix 2 - SDC Calculations

Background and Assumptions

1 System costs calculated based on present-day cost
2 Pipe lengths and system infrastruture based on City's 2022 General Sewer Plan.
3 Estimated 2025 ERU based on straight-line projection from 2022 Water System Plan

Sewer System Component Costs

Piping

3-inch

Length Gravity	120.0	ft
Length Force M.	378.0	ft
Cost per ft	60.0	$/ft
Value to System	29,880.0	$

4-inch

Length Gravity	120.0	ft
Length Force M.	378.0	ft
Cost per ft	60.0	$/ft
Value to System	29,880.0	$

6-inch

Length Gravity	3,020.0	ft
Length Force M.	3,590.0	ft
Cost per ft	100.0	$/ft
Value to System	661,000.0	$

8-inch

Length Gravity	96,427.0	ft
Cost per ft	120.0	$/ft
Value to System	11,571,240.0	$

Sewer System Component Costs - Continued

Piping

10-inch			
	Length Gravity	19,340.0	ft
	Cost per ft	140.0	$/ft
	Value to System	2,707,600.0	$
12-inch			
	Length Gravity	4,350.0	ft
	Length Force M.	6,030.0	ft
	Cost per ft	150.0	$/ft
	Value to System	1,557,000.0	$
14-inch			
	Length Gravity	1,620.0	ft
	Cost per ft	160.0	$/ft
	Value to System	259,200.0	$
15-inch			
	Length Gravity	5,340.0	ft
	Cost per ft	200.0	$/ft
	Value to System	1,068,000.0	$
16-inch			
	Length Gravity	350.0	ft
	Cost per ft	200.0	$/ft
	Value to System	70,000.0	$
21-inch			
	Length Gravity	5,650.0	ft
	Cost per ft	220.0	$/ft
	Value to System	1,243,000.0	$

Sewer System Component Costs - Continued

Piping

24-inch

Length Gravity	140.0	ft
Cost per ft	240.0	$/ft
Value to System	33,600.0	$

30-inch

Length Gravity	13,090.0	ft
Cost per ft	280.0	$/ft
Value to System	3,665,200.0	$

Total Piping Length	159,943.0	lf	=	30.3 Miles
Total Piping Value	22,895,600.0	$		

Lift Stations

Butternut Lift Station

Flow	300.0	gpm
Motor HP	15.0	HP
Number of Pumps	2.0	#
Cost per HP	20,000.0	$
Value of System	600,000.0	$

Cherry Lift Station

Flow	200.0	gpm
Motor HP	3.0	HP
Number of Pumps	2.0	#
Cost per HP	50,000.0	$
Value of System	300,000.0	$

Sewer System Component Costs - Continued

Lift Stations

Ballpark Lift Station

Flow	40.0	gpm
Motor HP	0.5	HP
Number of Pumps	2.0	#
Cost per HP	100,000.0	$
Value of System	100,000.0	$

West Wine Country Road Lift Station

Flow	600.0	gpm
Motor HP	29.0	HP
Number of Pumps	2.0	#
Cost per HP	20,000.0	$
Value of System	1,160,000.0	$

Stover Road Lift Station

Flow	350.0	gpm
Motor HP	15.0	HP
Number of Pumps	2.0	#
Cost per HP	20,000.0	$
Value of System	600,000.0	$

Forrest Road Lift Station

Flow	1,400.0	gpm
Motor HP	40.0	HP
Number of Pumps	3.0	#
Cost per HP	15,000.0	$
Value of System	1,800,000.0	$

Sewer System Component Costs - Continued

Lift Stations

Euclid Lift Station

Flow	4,200.0	gpm
Motor HP	150.0	HP
Number of Pumps	3.0	#
Cost per HP	10,000.0	$
Value of System	4,500,000.0	$

Bleyhl Lift Station

Flow	80.0	gpm
Motor HP	2.0	HP
Number of Pumps	2.0	#
Cost per HP	45,000.0	$
Value of System	180,000.0	$

Total Lift Station Value	9,240,000.0	$

Wastewater Treatement Plant

Sewer Plant

Flow	2.25	MGD
Cost per MGD	25,000,000.0	$/MGD
Value of System	56,250,000.0	$

Total Sewer Plant Value	56,250,000.0	$

SDC Calculation:

Method 1

Sewer System Value	88,385,600.0	$
2025 ERUs	11,804.0	#

Cost per ERU

Cost per ERU	7,488.00	$/ERU
Indirect Costs	200.00	$/ERU

Fully-Loaded Cost	7,688.0	$/ERU

SDC Calculation Continued

Method 2

Sewer System Value	88,385,600.0	$
Total ERUs	19,126.0	#
Cost per ERU		
Cost per ERU	4,622.00	$/ERU
Indirect Costs	200.00	$/ERU
Fully-Loaded Cost	4,822.0	$/ERU

City of Grandview Council's Unsung Hero Application

Definition of a Unsung Hero: Focuses on individuals or groups who make a significant, behind the scenes contribution to the community without seeking recognition.

They have a positive Attitude, willingness to help, commitment to excellence. It can be a groups or an individual. Common Synonyms for an Unsung Hero.

1. They Voluntarily Contributes: Goes above and beyond without personal gain.

2. They make a Positive Impact: They improve the environment or enhance the community

3. They show Silent Leadership: They inspire others to help with a project or activity.

4. They are Reliable: They act as the backbone of the project or activity

5. They can be seen as a Hidden Gem: They see a problem and choose to enhance or correct the issue. Without any personal gain.

Name of person or organization _____

Statement of Why they are view as an UNSUNG HERO in the City of Grandview.

Statement of WHY you are nominating them and which number of the 5 criteria best represents their nomination.

Name of person submitting the application: _____ Phone # _____

Your application will be reviewed by the Committee for consideration.