

Our Future Water Supply

The Willamette Water Supply System Commission (WWSS Commission) is an Oregon intergovernmental entity formed by Tualatin Valley Water District (TVWD), the City of Hillsboro, and the City of Beaverton. The WWSS Commission was formed to build the Willamette Water Supply System (WWSS) in response to planned growth in their service areas. TVWD has been designated the Managing Agency for the WWSS Commission, and TVWD operates the Willamette Water Supply Program (WWSP) to plan, design, and construct the WWSS. The WWSS will provide an additional resilient water supply for Washington County. When complete, the WWSS will be one of Oregon's most seismically-resilient water systems—built to better withstand natural disasters, protect public health, and speed regional economic recovery through restoring critical services more quickly. The new system will be completed by 2026.



Willamette Water Supply

Our Reliable Water

SEMI-ANNUAL, Q1/Q2 2022

BUSINESS UTILIZATION REPORT

Final Contract Issued for 2026 WWSS Construction, GMP Solicitations Remain

In June, the final pipeline contract was awarded to Moore Excavation, Inc. for construction of the Cornelius Pass Pipeline Project (PLW_2.1). As a cost-saving measure, a portion of PLW_2.0 construction was deferred until after 2029. The 3,500 linear-foot PLW_2.1 segment, including a section through the eastern edge of the Orenco Woods Nature Park, was not deferred to limit future impacts to the park and save costs. This phased approach will not delay delivery of Willamette Water Supply System (WWSS) water to TVWD, Hillsboro, and Beaverton customers by July 2026.

In total, WWSS procurements included 16 Request for Proposals (RFPs) and 6 invitation to bid (ITB) solicitations for pipeline construction. Additional solicitations included 10 design RFPs, and 52 RFPs for support services.

Other procurement activities for elements of the WWSS include several Guaranteed Maximum Price (GMP) solicitations by awarded Construction Manager/General Contractors (CM/GC).

Sundt Construction Inc. was selected as CM/GC for the Water Treatment Plant Project (WTP_1.0) and work is underway by a variety of contractors, subcontractors, and suppliers for the awarded GMP 1. Sundt will begin soliciting for its GMP 2 in 2023. GMP 2 consists of scope of work for curb and gutter, sidewalks and flatwork concrete, asphalt pavement, striping and signage, fencing, landscaping and irrigation, and more.

Hoffman Fowler LLC was selected as CM/GC for the Water Storage Tank (RES_1.0) and Scholls Ferry Area Pipeline Project (PLM_5.3), work is underway.

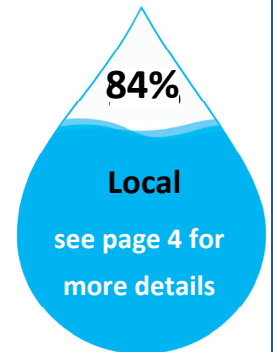
Kiewit Infrastructure West, Inc. was selected as CM/GC for the Raw Water Facilities (RWF_1.0) Project. Work for GMP 1 is complete. Work for GMP 1.5 is underway. The GMP 2 solicitation was recently awarded and begins in late 2022.

Local Companies Joining Final Push for RWF Construction

Local companies received more business with the award of GMP 2 to CM/GC, Kiewit Infrastructure West, Co. (Kiewit) for the final phase of construction of the WWSS Raw Water Facilities Project (RWF_1.0). Kiewit was contracted for CM/GC services in June 2018 to provide design phase services and procurement of multiple GMPs for the project. Construction at the site began in mid-2020 and is anticipated to conclude by late 2024.

Christenson Electric Inc. and P&C Construction are among some of the 21 Oregon and seven Washington companies—most of which are local—anticipated to join Kiewit to finish build out of the site. Christenson will perform electrical and instrumentation services while P&C will perform building construction. Kiewit will perform mechanical installation and continue providing CM/GC services.

[See RWF Construction p 3](#)



Local Businesses Top 400

After a few years of steady growth, Willamette Water Supply System's (WWSS) local businesses participation surged in the first half of 2022 and now tops 400 businesses. At the end of 2021, 361 local businesses have participated in WWSS projects. That number sits at 455 through the first half of 2022.

The growth corresponds to the increase in construction activity on multiple ongoing projects and the beginning of several recently awarded construction contracts.

"We're very fortunate to have the participation from so many experienced and talented local businesses to help make the Willamette Water Supply System a reality,"

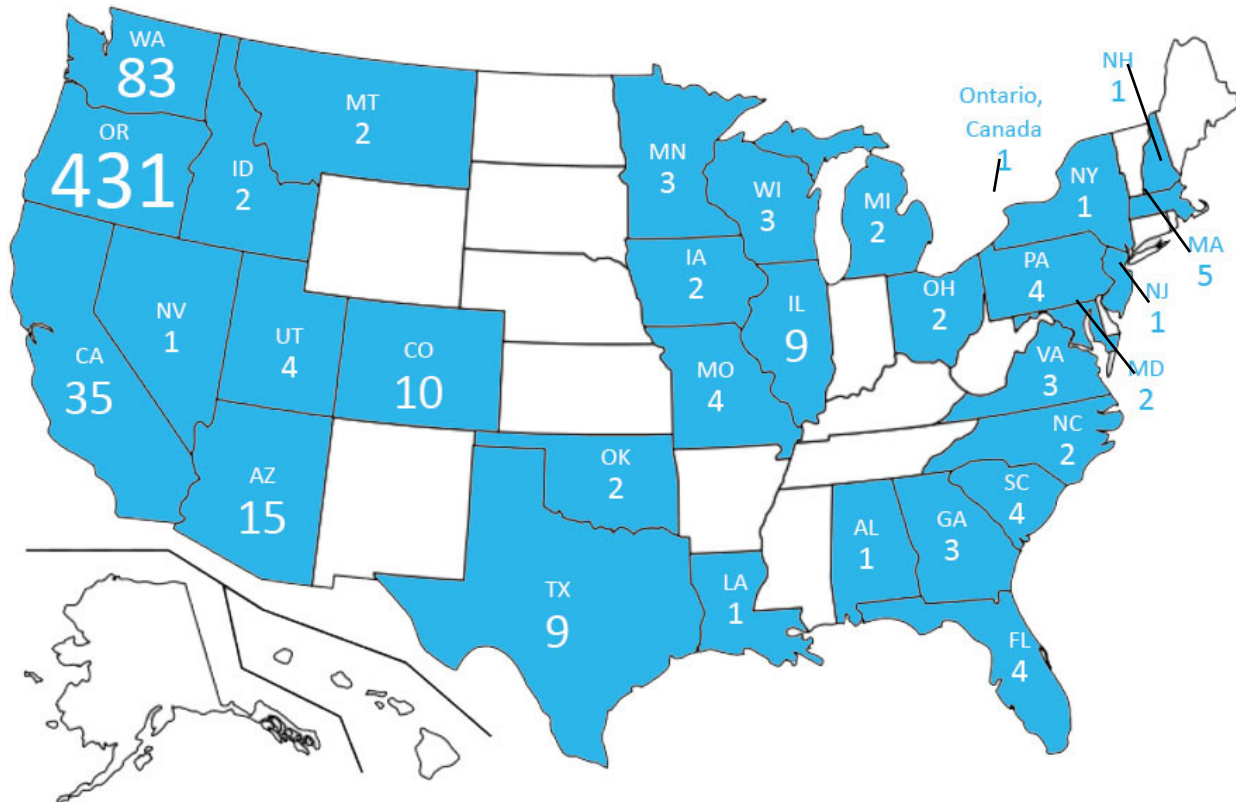
said Dave Kraska, WWSS General Manager. "The project is entering the peak of construction, and we look forward to seeing more local businesses working on the remaining contracts."

Projects underway during the first half of 2022 include:

- RWF_1.0, Kiewit Infrastructure West
- PLM 1.3, Moore Excavation, Inc.
- WTP_1.0, Sundt Construction
- PLM_4.1, Moore Excavation, Inc.
- PLM_4.3, Tapani, Inc.
- PLM_4.4, Tapani, inc.
- Res 1/PLM 5.3 GMP 1, Hoffman Fowler LLC
- PLW_1.2, Tapani, Inc.
- PLW 2.1, Moore Excavation, Inc.
- PLW 1.3, Tapani, Inc.
- MPE 1.1, Moore Excavation, Inc.
- MPE_1.2, Emery & Sons Construction Group, LLC
- MPE 1.3, Emery & Sons Construction Group, LLC

Oregon businesses lead in building WWSS

Local businesses benefitting from work on the WWSS includes both Oregon and Washington businesses within 50 miles of a project site. Though local businesses comprise the bulk of those working to build the new seismically resilient drinking water system, businesses across Oregon are also playing a major role in constructing this important drinking water infrastructure. In addition, businesses from across North America are contributing as contractors purchase goods from a variety of vendors to meet their needs. Here is a breakdown of how many businesses across the United States and Canada are involved providing goods and services for the WWSS.



Sherwood's Stark Street Lawn & Garden Meeting WTP's Needs

The rocky, uneven, and expansive terrain can be difficult to traverse at the WWSS Water Treatment Plant. When Sundt began finalizing its plans to begin construction, they knew that having a couple smaller utility vehicles would help the crew more efficiently get around. The team turned to Sherwood's Stark Street Lawn & Garden to meet their needs.

Sundt purchased two American Landmaster Utility Vehicles for the site. On a given day, the utility terrain vehicles (UTVs) constantly zig zag around the site to help crews perform their work. In addition to the UTVs, Sundt also purchased landscaping equipment to help with site maintenance needs.

"We are excited to have played a part in such an important Oregon based community infrastructure project," said Stark Street Lawn & Garden Vice President Ryan Sale.

Stark Street Lawn & Garden was founded in 1965. The store's original location is still operational and has grown to 6 locations in Oregon. The company focuses on providing the local community, homeowners, and contractors, with great customer support and the equipment they need to achieve landscaping tasks along with factory trained technicians and a service department to keep the equipment operating at peak efficiency.



UTVs are proving useful from local business.

Continued: RWF Construction from p1



Kiewit

Outreach was conducted during the first half of the year for GMP 2. About 65 qualified bidders participated in the GMP selection process, which was conducted in close coordination with WWSS to provide oversight.

RWF_1.0 includes scope of services for a new electrical building, standby power, and other improvements at the site. The BMP 2 scope of work includes: mechanical pumps and piping installations, landscape, earthwork and grading, fencing, concrete masonry unit block, stone veneer, plumbing, electrical, instrumentation & control, HVAC, metal roofing, architectural furnishings, street sweeping, support of excavation, temporary utilities, security services, survey, quality control, trucking & hauling, aggregate supply, hydroseeding, water truck, demolition, hardscape, paving, and minor concrete.

Interested in Doing Business on WWSS Projects?

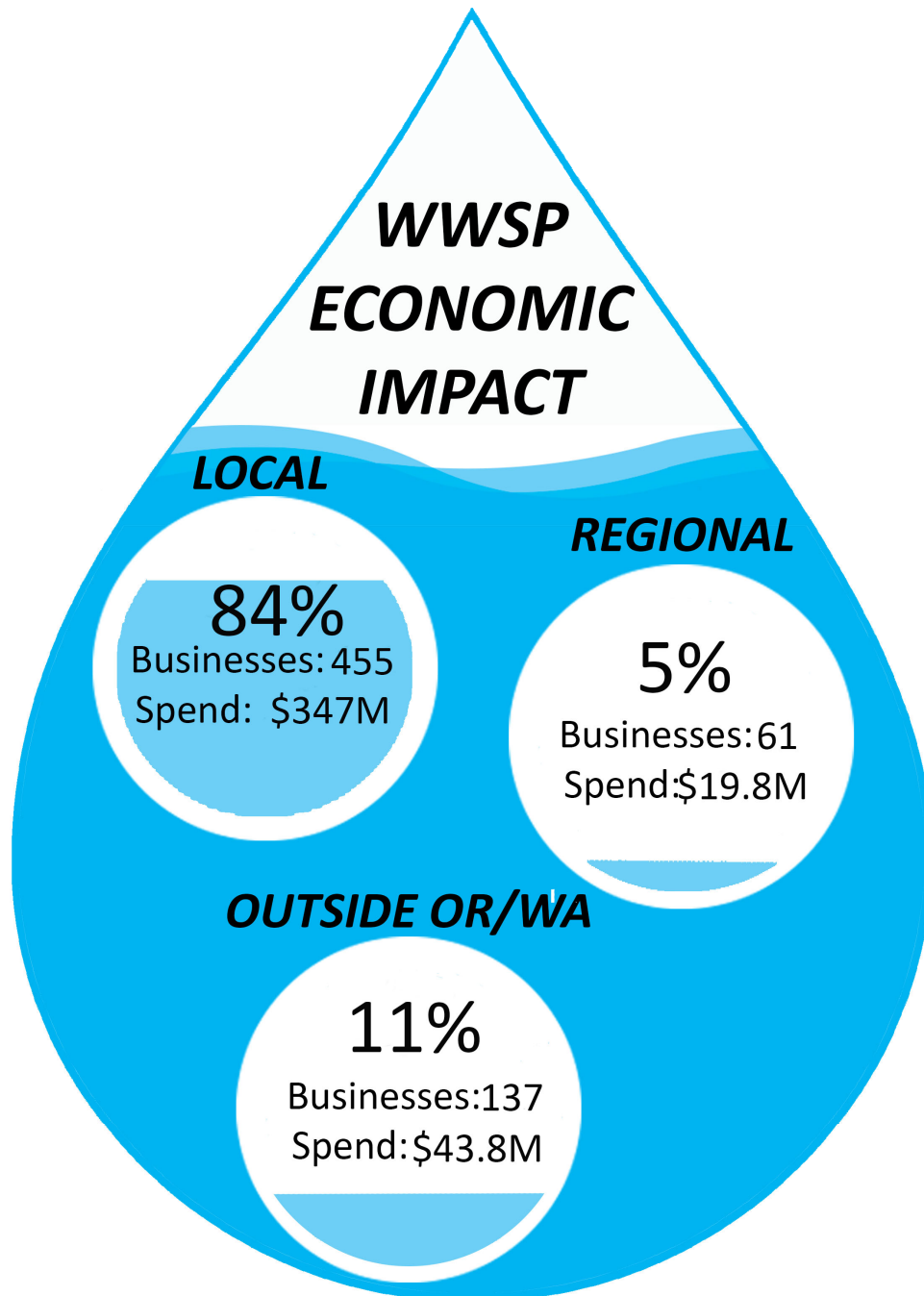
Though the last RFP for pipeline construction was recently awarded, opportunities are still available to businesses interested in helping build the WWSS.

Businesses can get involved by:

- 1) Becoming a subcontractor or vendor to an existing prime contractor.
- 2) Getting involved with procurements for goods or services for one of the opportunity projects led by a partner agency (such as Washington County) participating with the WWSP. Goods and services needs for each work package vary, and each contractor selects its own subcontractors to support construction. Some of the goods and services that will be needed include but are not limited to traffic control, equipment rentals, erosion/sediment control, concrete, welding, fuels and oils, equipment maintenance services, portable toilets, truck drivers, signage, pavement/road construction, fencing, aggregate supplies, and landscaping and maintenance.

WWSP Economic Contribution Summary

The WWSP is positively contributing to the Oregon and Washington regional economy with more than \$400 million spent to date. Approximately 455 local businesses (located in counties within 50 miles of the WWSP project site) and 61 regional businesses (located outside the local area but within Oregon or Washington) have participated in the WWSP. The 137 other businesses that are located outside Oregon and Washington are also contributing a positive effect on the local economy, as many of their employees live and work in the local area and generate local benefits through the purchase of goods, services, and other activities.



Data through Q2 2022