



# BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

**AB22-126**  
**September 12, 2022**  
**Committee Report**

## AGENDA BILL INFORMATION

<b>TITLE:</b>	AB22-126: Amendment #4 with Aspect Consulting for Water Rights Permitting Support and Geotechnical Monitoring	<input type="checkbox"/> Discussion Only
<b>PROPOSED ACTION:</b>	Approve Amendment #4 with Aspect Consultants (Aspect) for Water Rights Support and Geotechnical Monitoring	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

<b>REVIEW:</b>	Department Director/Peer	Mike Chambless	8/26/2022
	Finance	Drew Bouta	8/26/2022
	Legal	Bob Sterbank	8/25/2022
	City Administrator	Mike Sauerwein	8/31/2022

<b>DEPARTMENT:</b>	Parks & Public Works		
<b>STAFF:</b>	Jeff Hamlin, PE – City Engineer		
<b>COMMITTEE:</b>	Parks & Public Works	<b>COMMITTEE DATE:</b> September 7, 2022	
<b>MEMBERS:</b>	Ethan Benson	Bryan Holloway	Jo Johnson
<b>EXHIBITS:</b>	<ul style="list-style-type: none"><li>• Amendment No. 4 Aspect Consulting for Water Rights Assistance</li><li>• Amendment No. 4 Aspect Scope of Work and Fee Estimate</li><li>• Original Contract with Aspect for Water Rights Assistance</li><li>• CIP Project Status Page</li></ul>		

<b>AMOUNT OF EXPENDITURE</b>	\$ 674,400
<b>AMOUNT BUDGETED</b>	\$ 2,622,644
<b>APPROPRIATION REQUESTED</b>	\$ 674,400

## SUMMARY

### INTRODUCTION

The City has received a grant of \$477,400 from Washington Department of Ecology (Ecology) to explore the potential for Aquifer Storage and Recovery (ASR) as a means to obtain increased water rights for drought tolerance, resiliency, and consumption. ASR may also help to improve summer flows in the Snoqualmie River and offset increasing pressure on the aquifer supply from downstream users. This amendment provides for a feasibility study to evaluate the potential use of ASR as a water management strategy for the City.

### LEGISLATIVE HISTORY

April 1, 2015; PSA for Consulting Services with Aspect Consulting (original contract) for \$59,167

April 1, 2016; Amendment #1; for \$29,917 for additional support services

April 25, 2016; Amendment #2; for \$93,560 for additional assistance with water supply concerns

February 8, 2022; Amendment #3; for \$35,000 for a Regulatory Assessment and Conceptual Mitigation Plan for Surface Water Preliminary Permits

## BACKGROUND

The City entered into a Professional Services Agreement with Aspect Consulting, LLC (Aspect) in April 2015 to obtain assistance with water rights and Source of Supply needs. Part of the services provided under this contract included an exploration of new water rights and water sources to serve a growing community and to address drought tolerance issues. As part of the evaluation process, the City began to explore the potential for implementing ASR to support the City's application to the State for increased water rights. The City, with the help of Aspect submitted an application to Ecology for a Streamflow Restoration Grant to fund a feasibility study that will explore the potential for implementing ASR. The City was awarded a grant for \$477,400 and a scope agreement was worked out with Ecology. The City, along with Aspect and Ecology are ready to move forward with the analyses.

## ANALYSIS

Aspect has prepared a Scope of Work (Exhibit A) and Cost Estimate to continue supporting the City with advancing several elements of its water supply and water rights planning efforts. The overall project elements addressed in this SOW include the following:

- Preparing Required Submittals and Supporting Processing of the City's pending groundwater and surface water right applications (Application Nos. G1-27589 and S1-28833 filed in 1995 and 2016, respectively).
- Completing a Feasibility and Pilot Study of an Aquifer Storage and Recovery (ASR) Program being Considered by the City.
- On-Call Water Rights Support. Technical and regulatory permitting support is anticipated to advance the ASR program being considered by the City and support the City's broader water rights portfolio.
- Providing ongoing geotechnical evaluation of the Canyon Springs Pipeline.

## BUDGET IMPACTS

*Administration recommends approving Amendment #4 with Aspect Consulting, LLC in the amount of \$674,400 to advance several elements of the Source of Supply Improvement Project. Council approved the project as part of the amended CIP (April 12, 2021) for \$1,266,900 during the 2021-2022 biennium. In addition, Council approved the project as part of the 2023-2028 CIP (August 8, 2022) for \$2,234,000 over the six-year period. \$43,536 has been incurred against the project budget during the 2021-2022 biennium with \$40,594 in outstanding contractual value. When subtracting the reappropriation of some budget from the Source of Supply Improvement Project to the Williams Addition Water Main Replacement Project (AB22-049), the project has a remaining budget of \$627,944 for the 2021-2022 biennium. Given that Aspect will not complete such work within the next four months, sufficient appropriation exists within the 2021-2022 Biennial Budget (Utilities Capital Fund #417) to fund the amendment. With the adoption of the 2023-2028 CIP, the City expects to budget \$815,000 for the project during the 2023-2024 biennium. The \$477,400 Streamflow Restoration Grant provided by the Department of Ecology was not anticipated as part of the 2023-2028 CIP and therefore will help to offset the City's contribution towards the project.*

## NEXT STEPS

Move forward with the ASR Feasibility and Pilot Study, water rights applications and geotechnical evaluations as provided in the attached scope proposal.

## PROPOSED ACTION

Move to approve Amendment #4 with Aspect Consultants, LLC for Water Rights Support and Geotechnical Monitoring services.