

To Whom It May Concern:

I am pleased to recommend Abi Strait, who served as a Summer 2024 Utilities Engineering Intern with the City of Englewood. During her time with us, she made substantial contributions to several capital improvement projects and various initiatives to enhance Englewood's water quality, showcasing an impressive ability to manage multiple responsibilities. I would like to particularly highlight her work on two major initiatives: the Sewer Evaluation Project and the Union Avenue Pump Station Solids Removal Project.

The Sewer Evaluation Project was a critical effort to identify and mitigate high-risk sanitary sewer mains as part of our preparations for the 2025 Master Plan. Abi played a key role in this project, utilizing GIS to locate sewer mains beneath structures and on private properties with limited access. Her assistance in identifying potential diversion points and conducting thorough field investigations ensured that we had feasible solutions. The detailed maps and memos she produced not only guided our strategic planning but also have the potential to save the city significant future costs by preventing infrastructure issues.

The Union Avenue Pump Station Solids Removal Project was another complex project where Abi excelled. Starting with exhaustive data collection and a literature review, she gathered crucial information that informed the analysis of four alternative solids removal strategies. Her evaluation of each method was comprehensive, considering the practicalities, risks, and benefits, which greatly influenced our approach to solids removal. The feasibility memo she authored has become a cornerstone document for our future planning and will play a key role in optimizing our operations.

What sets Abi apart is her ability to excel and adapt in a demanding environment. During her internship, she not only managed to excel in her assigned projects but also successfully balanced her work with an online Calculus III course—a demanding subject that required significant time and focus. Her capacity to manage both demonstrates her dedication, time management skills, and commitment to high standards.

In addition to these major projects, Abi also contributed to various other initiatives during the summer, consistently delivering high-quality work and demonstrating a strong work ethic. Here are a few highlights: Abi analyzed and optimized four parts of the water treatment process in Englewood and conducted jar testing to pilot an ozone trailer. She executed and improved Englewood's Water Loss Audit, developing a new Standard Operating Procedure with recommendations on how to enhance audit accuracy as construction on Englewood's water system progresses. Abi aided in the continuation of construction improvement projects through the completion of eight submittals, reviewed public works improvement plans to address utilities comments, and developed a comprehensive asset inventory for an asset management system. Additionally, she refined the development review process using project management software, invoice tracking, and employed IMS for the development of a standard utilities fee charged for developments. Whether she was using piezometers to monitor water depth at McLellan Reservoir or writing technical memos, Abi approached every task with a proactive attitude, making her a valuable member of our team.

I am confident that Abi will excel in any engineering role she pursues. Her unique combination of technical expertise, strong work ethic, and ability to deliver impactful results make her an outstanding candidate. I highly recommend her for any position she is pursuing.

Please feel free to contact me if you need any further information.

Sincerely,



Clifford Stephens

Engineering Supervisor

City of Englewood Utilities

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