

January 16, 2025

File No. 24-484

Nathan Kraus <NathanK@kcha.org>

**King County Housing Authority**

600 Andover Park West

Tukwila, WA 98188

**Subject:** Summary of Groundwater Levels (as of January 16, 2025)  
Trailhead Apartments:  
1550 Newport Way NW, Issaquah, Washington

Dear Nathan,

We have prepared this letter to provide a summary of groundwater data we collected at the site on January 16, 2025 from the five monitoring wells we installed on January 15, 2025. The approximate location of these monitoring wells, designated as PG-1 to PG-5, are indicated on the attached site plan. Three of the monitoring wells, PG-1 to PG-3, are located generally around the perimeter of the proposed Trailhead Apartments, and the other two monitoring wells, PG-4 and PG-5, are located south of the existing warehouse building.

The depth to groundwater levels measured on January 16, 2025 are summarized in Table 1, below. Table 2 summarizes the estimated elevations of groundwater level, based on ground surface elevation shown on the project site plan, and interpolation between elevation contour lines. Hence, the estimated groundwater elevation should be considered approximate.

As indicated in Table 2, at the time the water levels were measured on 1/16/2025, the groundwater levels were the highest along the west side of the site (i.e., along Newport Way NW) and gradually dropping toward NW Maple Street, with an approximately 5 feet of change in groundwater level elevation.

We have installed data loggers in these monitoring wells for groundwater level monitoring. We will update the results in March 2025. The groundwater level may rise above the elevation reported in this letter, especially during periods of significant rainfalls.

**Table 1. Summary of Groundwater Level (Depth in feet below existing grade)**

	PG-1	PG-2	PG-3	PG-4	PG-5
1/16/2025	4.3'	4.8'	4.5'	3.8'	3.0'

**Table 2. Summary of Groundwater Level (Estimated Elevation)**

	PG-1	PG-2	PG-3	PG-4	PG-5
1/16/2025	68.0'	70.3'	68.2'	73.3'	73.1'

We appreciate the opportunity to be of service.

Sincerely,



Spenser P. Scott, L.G.  
Project Geologist



Siew L. Tan, P.E.  
Principal Geotechnical Engineer

Enclosure:     Figure 2.     Site and Exploration Plan

