

June 30, 2025

Adam Jackson
Avion Water Company
Via email: Adam@avionwater.com

Re: China Hat Well #4 (PR#107-2023)
Avion WC – Greater Avion (PWS ID#00091)
Final Approval

Dear Adam:

Thank you for your submittal of additional information for the China Hat Well #4 project for Avion. A well log, sample results, as-built drawings and a request for final approval was submitted on May 12, 2025.

Our geologist reviewed the well log construction details for well ID DESC 64656 and noted that the below-ground construction appears to meet standards and is drilled into an unconfined aquifer.

Final approval is issued at this time, and the facility is approved for use. Note that the attached table provides details on the required initial rounds of chemical monitoring at the entry point (EP-A) and lead and copper monitoring in the distribution. Please work with Josh Seerup at OHA/DWS on activation of those schedules.

If you have any questions, please feel free to call me at (971) 201-9794.

Sincerely,



Carrie Gentry, PE
Regional Engineer
OHA-Drinking Water Services
Carrie.L.Gentry@oha.oregon.gov

cc: Josh Seerup, REHS, OHA/DWs
Marc Caldwell, Avion Water Company, Marc@avionwater.com

Table 1 –Initial Monitoring for China Hat Well #4 (SRC-AD) at Entry Point A (EP-A)				
Year 1				
Sample by the end of the first quarter of operation (after Final Approval)	2nd Quarter of Operation	3rd Quarter of operation	Year 2	Year 3
Sample at the Entry Point (EP-E) to the distribution system served by the new source (after treatment)				
<ul style="list-style-type: none">Radiological	<ul style="list-style-type: none">Radiological if initial and first quarter sampling has radiological detections	<ul style="list-style-type: none">Radiological if initial and first quarter sampling has radiological detections	Annual: <ul style="list-style-type: none">NitrateVOCSOC	
Lead and Copper Tap Sampling in the Distribution System (to assess impact of the new well on distribution system corrosion*).				
<ul style="list-style-type: none">Sample at 60 Tier 1 sites (1st 6-months of operation)		<ul style="list-style-type: none">Sample at 60 Tier 1 sites (1st 6-months of operation)	Reduction to 30 tap samples every 3 years is possible depending upon results	
*Changes in water quality due to the addition of a new source may impact the corrosivity of the water, therefore, two 6-month demonstration rounds of lead and copper tap samples at an increased number of 60 Tier 1 sample sites are needed to verify that the well does not adversely contribute to lead and copper corrosion. <u>Alternatively, the water system could choose to provide a lead and copper evaluation to Josh Seerup identifying similar water quality as the existing sources. The evaluation may include pH, alkalinity, temperature, calcium, chloride and sulfate data, for example.</u>				