

December 11, 2024

Anne Boutwell  
Project Coordinator  
AKS Engineering & Forestry, LLC  
Via email: [boutwella@aks-eng.com](mailto:boutwella@aks-eng.com)

**Re: Well #3 (PR#84-2022)  
Bay City Water System (PWS ID#00079)  
Final Approval**

Dear Anne:

On December 4, 2024, our office received confirmation that the above project was completed according to the plans submitted and conditions set forth in the January 19, 2024 conditional approval letter.

Final approval is issued at this time, and the facility is approved for use.

Note that sample schedules will be updated for the water system's entry point A, according to Table 1 on the next page.

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](mailto:Carrie.L.Gentry@oha.oregon.gov)

cc: Nicole Alfafara, REHS, OHA/DWS  
Jaime Craig, REHS, Tillamook County Environmental Health  
Brian Bettis, City of Bay City

<b>Table 1 –Monitoring for Well #3 (SRC-AC) and Entry Point A (EP-A)</b>				
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-A) to the distribution system served by the new source (after treatment)				
<ul style="list-style-type: none"> <li>• Radiological</li> <li>• Lead and copper tap samples</li> </ul>	<ul style="list-style-type: none"> <li>• Radiological if initial and first quarter sampling has radiological detections</li> </ul>	<ul style="list-style-type: none"> <li>• Radiological if initial and first quarter sampling has radiological detections</li> </ul>	Annual: <ul style="list-style-type: none"> <li>• Nitrate</li> <li>• VOC</li> <li>• SOC</li> </ul>	
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"> <li>• Sample at 20 Tier 1 sites (1<sup>st</sup> 6-months of operation)</li> <li>• Sample for pH (2 sets at 2 sites each and 2 weeks apart around the time of lead and copper tap sampling).</li> <li>• Entry point sampling for pH at EP-A remains unchanged at once every 14 days.</li> </ul>		<ul style="list-style-type: none"> <li>• Sample at 20 Tier 1 sites (second 6 months of operation)</li> <li>• Sample for pH (2 sets at 2 sites each and 2 weeks apart around the time of lead and copper tap sampling).</li> <li>• Entry point sampling for pH at EP-A remains unchanged at once every 14 days.</li> </ul>	Reduction to 10 tap samples every 3 years is possible depending upon results	
Monthly raw water source assessment sampling for coliform bacteria (Although properly constructed, the well is in a highly susceptible shallow unconfined aquifer)			Annual Source Assessment sampling	
<p>*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 20 Tier 1 sample sites are needed to verify that the well does not adversely contribute to lead and copper corrosion. Water quality parameters sampling for pH for the previously established minimum pH of 7.4 for the same entry point (EP-A) and in the distribution system at the time of lead and copper tap sampling is done remains unchanged as Well #3 (SRC-AC) is a new source under the existing entry point (EP-A).</p>				