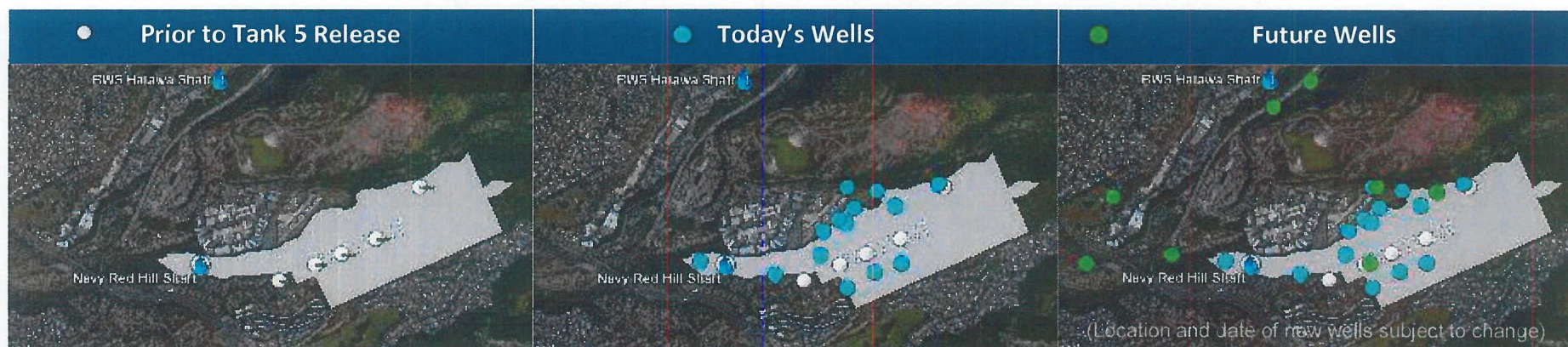




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What is the purpose of Groundwater Monitoring Wells?

- Monitoring wells are critical elements of groundwater investigation
- Monitoring wells are drilled into the ground to provide a way to sample, then analyze groundwater, including water in an aquifer
- Monitoring wells can be designed to allow sampling solely from the bottom of the well, or from various depths from the bottom to the top
- Monitoring well sampling can be used to help understand the horizontal and vertical movement of groundwater over time, and are an essential element of groundwater flow modeling
- Monitoring well sampling is also used to capture samples of contaminants for identification, and to trace their movement over time



Monitoring well data are vital to understanding groundwater conditions