

Nordic Village – Liberty Properties

Rapid Infiltration Basin Conditional Use Permit Application

Project Narrative

The project proposes to construct infiltration basins for treated wastewater. The water will be treated to better than culinary quality at the proposed treatment plant on the Nordic Village property before it is sent to these infiltration basins. Here, the treated water will infiltrate into the ground, replacing the groundwater that was pumped into the Nordic water system.

The treated wastewater is transmitted from the treatment plant at the Nordic Village site in a pipe that has already been installed in 3500 E.

Based on the infiltration rate measured for the soil at this site for the infiltration basins, each single basin is sized to take 10x the maximum flow that will come from the treatment plant at full buildout, and three basins are being constructed for additional redundancy.