

Non-Feasible Options

In the engineering feasibility study, Strand Associates recommended that the Village not consider some inland and lakefront water plant options, due to engineering feasibility limitations. Accordingly, the Village determined some options are not feasible, based on location, access needs and capability, and/or cost.

- Water tower site: This would require substantial infrastructure costs to construct a water transmission main through the Skokie Lagoons. There are also environmental restrictions from the EPA, as the site is an abandoned landfill, which impact this option's feasibility.
- Site near the Glencoe Golf Club: The available land for this project is Cook County Forest Preserve property and the County has indicated that it will not sell the land for the purpose of constructing a water plant. Additionally, infrastructure costs would likely be prohibitive, as there are no existing municipal water facilities located near the site.
- Street Ends or the Takiff Center: Street ends are not feasible due to the elevation of the bluffs and the need for the building to be built at street level, as it is not feasible for the Village to pump water up the bluffs to a plant. The Takiff Center is located on Park District property and has not been offered as a potential site.
- Other beach locations on South Avenue or Dell Place: The Village's right-of-way parcels are only 66 feet in width. A water plant facility with the capacity to serve Glencoe would need 1 – 1.5 acres of buildable land. Neither of these locations meet these requirements. Additionally, these sites would require significant infrastructure construction as they are not located near the existing water distribution system.
- Agreement to purchase water from Northbrook: Northbrook does not have capacity at its water treatment plant to provide water to Glencoe, and the necessary infrastructure improvements would be cost prohibitive as compared to other options.