



November 1, 2016

Janet Schmidt
City of Madison Parks Division
CCB, Room 104
210 Martin Luther King Blvd.
Madison, WI 53703

RE: Klief Park Groundwater Monitoring Well

Dear Janet,

The Madison Water Utility is currently investigating water quality concerns at Unit Well 27, which is located near Randall Avenue and Regent Street. The Utility is conducting a subsurface study in the area with the assistance of the Wisconsin Geologic and Natural History Survey.

We need to install a temporary groundwater monitoring well to collect both geologic and water quality information for this investigation. We are requesting permission to construct a temporary groundwater monitoring well in Klief Park, near the intersection of Milton Street and South Orchard Street, about 900 feet southeast of the water supply well. WDNR regulations do not allow construction of a monitoring well on the same property as a water supply well, and Klief Park is a near-by location suitable for the investigation. Figure 1 shows the locations of Well 27 and Klief Park.

We anticipate drilling and installing the temporary monitoring well in the winter of early 2017. The well would be one 6 inch diameter borehole containing two 2-inch Schedule 80 PVC wells to depths of up to 750 feet. The PVC pipes would be protected by a 6-inch diameter lockable steel casing that extends 3 feet above ground. Figure 2 shows an existing, similar well located at Sycamore Park.

The temporary well would be sited at a location at the edge of the grass field, adjacent to a small planting of perennials (please see Figure 2 for proposed location.) This location would minimize inconvenience when the grass is mowed and would minimize impact to park users. We will restore the area if there is any disturbance during drilling. Following the investigation, which we anticipate will end in 2019, we will abandon this temporary well

according to WDNR regulations. These regulations require that the well casing pipe be removed to a depth of three feet below ground and sealed with clay. After the well is abandoned, the site would be restored to its initial condition.

I've indicated a general proposed location on the attached map. If the Parks Division is agreeable to hosting the well, we would contact Driller's Hot Line to ensure that we are sufficiently away from underground utilities. We will also schedule drilling activities at the site to minimize disruption to park users.

For additional information regarding this mater, please contact myself at 608-267-4902. Thank you for your consideration.

Joseph DeMorett
Water Supply Manager
Madison Water Utility



Figure 1. Red star indicates water supply well UW 27, north of Regent Street. Red dot shows proposed location for temporary monitoring well in southwest corner of Klief Park.



Figure 2. Existing monitoring well located at Sycamore Park (left), and proposed location for new monitoring well near perennial planting at Klief Park (right).