

MEMORANDUM

DATE: October 27, 2020

TO: Ted Corrigan, CEO and General Manager

FROM: Jaewon Lim, P.E., Professional Engineer
Nathan W. Casey, P.E., Engineering Supervisor

SUBJECT: DMWW Storage Tank Color Scheme

Des Moines Water Works owns and operates multiple water towers and three standpipes to provide pressure and potable water storage to the Des Moines Metropolitan Area. The steel water towers and standpipes are coated to prevent structural deterioration and corrosion. All three standpipes are painted “Powder Blue” from Tnemec Inc.

The Wilchinski standpipe, located at SE 9th and 903 E. Pleasant View Drive, needs repainting. Staff is planning a 2021 project to repaint the interior and exterior of Wilchinski. The exterior coating is needed to protect the tank structure and improve aesthetics and the interior coating is required to protect water quality.

Staff has worked with coating manufacturers to ensure the highest quality, longest-lasting coating system is used. As a result of this work, it became apparent that the Powere Blue color is no longer available as a standard color but can be produced at an additional cost. This led staff to evaluate alternative colors that will harmonize with the residential area adjacent to Wilchinski.

The following colors were considered for the Wilchinski standpipe. All colors are following Tnemec standard color numbering system.

- Cumulus (78GN)
- Spring Rain (22BL)
- Star (16BL)
- Springwater (29BL)

After numerous internal discussions, Cumulus (78GN) was selected as a potential color. This color was presented to both the Indianola Hills and South Park neighborhood associations through a virtual meeting and email communications. Both neighbor associations were not opposed to repainting the Wilchinski standpipe using Cumulus as the color.