

April 7, 2023

Incorporated Village of Mineola

PWS ID No. NY2902839

MCL Deferral for 1,4-Dioxane, PFOA, and PFOS

Quarterly Report – First Quarter 2023

Introduction

On behalf of the Incorporated Village of Mineola (Village), D&B Engineers and Architects (D&B) has prepared this document in accordance with the requirements of the New York State Department of Health (NYSDOH) for public water suppliers who have been granted deferrals from maximum contaminant level (MCL) violations for 1,4-dioxane, perfluorooctanoic acid (PFOA), and/or perfluorooctanesulfonic acid (PFOS). The Village was granted an MCL deferral for 1,4-dioxane, PFOA, and PFOS in 2020. The Village was granted a deferral because it has been proactive in its efforts to establish and implement an action plan for managing the above-referenced compounds.

The last three years have been a time of unprecedented disruption in the supply chain of chemical supplies, equipment, infrastructure components, pipe and materials (e.g., steel), and treatment systems. Contractors and water suppliers, locally and nationwide, have been impacted by these issues in completing both small-scale and large-scale projects. Shortages of necessary items have significantly impacted the Village, primarily in terms of price increases, decreased availability, and longer lead times. In addition, due to the rapidly changing regulatory environment through an expanded list of contaminants with lower regulatory advisory levels or MCLs, local and state regulators are experiencing a large number of capital project submissions, in addition to their regular workload. This increased workload has led to longer regulatory review times of engineering reports, detailed design plans, and specifications. In many cases, these factors, which are out of the Village's control, have caused delays in obtaining final regulatory approval, commencing construction, procuring equipment and necessary components, and conforming to proposed construction schedules.

The Village has done everything within its power to adhere to the project schedule approved in the original deferral request, as described in the previous quarterly deferral reports. The full impact of supply chain issues and delays was not known at the time of the original compliance deferral and due to these regulatory changes, these delays were expected to become worse before improving because of increased national demand. Recognizing these exceptional circumstances, the Village requested and received a 12-month deferral renewal with a MCL compliance deadline of August 25, 2023.

The Village's goal, as always, is to provide an adequate supply of potable water to its consumers and it has done everything in its ability to move forward on the treatment project to further that goal and meet consumer demands. These impacts of the last three years are expected to continue

for the foreseeable future and will most likely affect the ability of the Village to conform to the project schedule outlined in the original deferral request, even with the deferral renewal. As such, anticipating the on-going conditions of supply chain issues and regulatory delays, additional time consideration past the deferral renewal deadline will most likely be needed to bring the project to a substantially completed status.

The enclosed is a report describing the Village's progress towards maintaining the highest quality of water for our customers and meeting the deadlines set forth in the deferral approval. An updated schedule for these efforts is contained in **Attachment A**.

Corrective Action Plan Milestones – Well 4

The Village's Well 4 AOP treatment project is currently in construction. Detailed design documents for the facility were submitted to the Nassau County (NC) DOH and NYSDOH in the third quarter of 2021. NYSDOH approval was recommended by the NCDOH in May 2022. Final approval by the NYSDOH was granted in July 2022. The project was placed out to bid, and bids were opened on July 27, 2022. Construction contracts have subsequently been awarded, allowing for construction to commence. The current project schedule originally forecasted the project completion to be in the early part of the fourth quarter of 2023; however, due to delays in the procurement of equipment due to supply chain issues, the project completion will likely be in the second quarter of 2024.

Although it has been granted a deferral, the Village did not use this well to supply drinking water in the first quarter of 2023 and will strive to minimize future use of the well because of its elevated 1,4-dioxane, PFOA, and PFOS levels. The completion of this project is imperative to ensure continued use of the well while meeting federal emerging contaminant regulations.

Public Notification

In accordance with the terms of the deferral, the Village has maintained an open line of communication with the public regarding its deferral. The deferral public notification documentation is still featured prominently on the Village website, as are all previous quarterly reports.

Analytical Sampling

Well 4 was not sampled during the first quarter of 2023 as the well is currently off-line. Future well sampling will be reported in this section.

Conclusion

As demonstrated above, the Village is actively working to preserve the quality of water for its customers and comply with the requirements put forth by the NYSDOH. The Village looks forward to continuing to work towards completion of its treatment facilities.

Should you have any questions, please contact the Village at 516-746-0750 or visit the website at <https://www.mineola-ny.gov/>.

Very truly yours,

Board of Trustees
Incorporated Village of Mineola

Enclosures

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ATTACHMENT A

Project Schedule Associated with MCL Deferral

