

January 7, 2021

Port Washington Water District
PWS ID No. NY2912267
MCL Deferral for 1,4-dioxane
Quarterly Report – First Quarter 2021

Introduction

On behalf of the Port Washington Water District (PWWD or District), 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. The District was granted an MCL deferral for 1,4-dioxane in 2020. The PWWD 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 enclosed is a report describing the PWWD's progress towards maintaining the highest quality of water for our customers and meeting the deadlines set forth in the deferral approval. Updated schedules for each project are contained in **Attachment A**.

Corrective Action Plan Milestones

Hewlett Well 4

The Hewlett Well 4 AOP project is currently approaching the end of the design phase, which is expected to be complete by the end of January 2021. The design documents must undergo review by the local and state health departments. Once this review is completed, construction can begin. The project is on schedule, with the construction contract on track to begin in May 2021, which allows for the necessary time for the regulatory agencies to review the design documents.

This past quarter, the Basis of Design Report (BODR) submitted by the PWWD to the Nassau County and New York State Departments of Health (NCDH and NYSDOH, respectively) was approved, as was the pilot study report for this project.

Although it has been granted a deferral, the PWWD was able to avoid or minimize the usage of this well.

Christopher Morley Park Station

The Christopher Morley Park Wells 8, 9, and 11 AOP project is currently in the design phase. The BODR is on schedule to be submitted in March of 2021. Pilot test field activities were completed in November of 2020 and data is currently being analyzed.

This past quarter, the District officially completed the parkland alienation process that was necessary to obtain control (via easement) of the land on which the new facility is going to be constructed. Now that the land is within the PWWD's control, detailed design can proceed.

Of the three (3) wells at this facility, the only one that has exhibited an MCL violation for 1,4-dioxane is Well 9. Although it has been granted a deferral, the PWWD was able to avoid or minimize the usage of this well.

Stonytown Well 10

The Stonytown Well 10 AOP project is currently in the design phase. The BODR and Pilot Study Report were finalized and submitted for regulatory review. Components of the detailed design of the facility are being advanced concurrently.

This past quarter, significant progress was made in coordinating design of the building in which the treatment equipment is going to be housed, as well as finalizing the conceptual design plans for the facility.

Although it has been granted a deferral, the PWWD was able to avoid or minimize the usage of this well.

Public Notification

In accordance with the terms of the deferral, the PWWD notified the public of its MCL deferral in multiple ways. A link to the public notification document provided by the NYSDOH was posted on the District website and a postcard with a direct URL link to this document was sent out to all District customers. In addition, a press release informing the public of the deferral was released to the local paper and a public meeting with local officials was held via Zoom on December 11, 2020. Documentation of such contact is contained in **Attachment B**.

Analytical Sampling

Sample results for the wells for which deferrals were granted (Hewlett Well 4, Christopher Morley Park Wells 8, 9, and 11, and Stonytown Well 10) taken during the fourth quarter of 2020 are contained in the below tables. Full laboratory reports for each sample are contained in **Attachment C**.

1,4-dioxane (ppb)

Well	Date		
	Sept. 2020	Oct. 2020	Nov. 2020
Hewlett Well 4 (N-2052)	0.94	0.80	0.97
Christopher Morley Park Well 8 (N-7551)	NS	0.45	NS
Christopher Morley Park Well 9 (N-7552)	4.5	4.3	3.7
Christopher Morley Park Well 11 (N-13510)	NS	0.25	NS
Stonytown Well 10 (N-9809)	0.81	0.77	0.70
	0.78	0.74	

NS = Not Sampled

Conclusion

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

Should you have any questions, please contact the District at 516-767-0171 or visit the website, www.pwwd.org.

Very truly yours,

Board of Commissioners
Port Washington Water District

Enclosures

cc: K. Wheeler (NYSDOH)
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ATTACHMENT A

ATTACHMENT B

ATTACHMENT C