

October 1, 2021

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

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

Bids for this project were opened in September of 2021. The received bids are currently under evaluation and it is anticipated that contracts will be signed by the end of 2021. Obtaining regulatory approval is taking longer than initially anticipated so the project unfortunately cannot begin construction until approval is received. Despite delays in regulatory review, the project is still on track to be completed and the plant in service by the end of 2022.

Although it has been granted a deferral, the PWWD was able to implement conservation requirements and make operational changes to minimize or avoid the usage of this well.

Christopher Morley Park Station

Detailed design documents for this project were submitted for regulatory review in the third quarter of 2021. The project remains on schedule and the District will prepare for public bid while these documents are being reviewed.

As stated previously, only one of the three (3) wells (Well 9) at the Morley Park Station has previously exhibited an MCL violation for 1,4-dioxane. Although a deferral has been granted, the District will continue to implement conservation requirements and operational changes to ensure the use of Well 9 is either minimized or avoided.

Stonytown Well 10

The Stonytown Well 10 AOP project is currently in the design phase. As mentioned in previous quarterly reports, the scope of this project had to be adjusted to include treatment for for nitrate removal. A revised Basis of Design Report for this project was submitted for regulatory review in the third quarter of 2021. At this point, despite the changes in project scope, it is still anticipated that the facility will be operational by the end of 2023.

Although a deferral has been granted, the District will continue to implement conservation requirements and operational changes to ensure the use of Stonytown Well 10 is either minimized or avoided.

Public Notification

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

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 third quarter of 2021 are contained in the below tables. Full laboratory reports for each sample are contained in **Attachment B**.

1,4-dioxane (ppb)

Well	Date	
	July 2021	Aug. 2021
Hewlett Well 4 (N-2052)	0.86	0.91
Christopher Morley Park Well 8 (N-7551)	0.55	NS
Christopher Morley Park Well 9 (N-7552)	5.8	5.9
Christopher Morley Park Well 11 (N-13510)	0.23	NS
Stonytown Well 10 (N-9809)	0.74	0.73

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

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