

Inc. Village of Garden City
PWS ID No. 2902824
Quarterly Deferral Update

Update on Wellhead Treatment Progress, Potential Issues and Water Quality Update

Date: January 1, 2023

Waterworks Site (Well No. 7)			
Milestone	Date	Completed / On Schedule (Y/N)	Notes and Comments
Pilot Testing	November 2019	Completed	
Engineering Report Regulatory Submission	March 27, 2020	Completed	New York State and Nassau County Health Dept. approval received on November 10, 2020
Interim Treatment Project Design Regulatory Submission	March 27, 2020	Completed	New York State and Nassau County Health Dept. approval received on November 10, 2020
Project Construction Start Date	June 2, 2020	Completed	
Interim Project Completion	October 16, 2020	Completed	
Performance Testing	February 2021	Completed	Performance testing in field completed on February 20, 2021
Treatment System On-line	April 2021	Completed	
Permanent Construction Completion	Rev. April 2023	Y (Rev.)	Well will remain in service during permanent construction.
Progress during Quarter:	See Attached Update		
Potential Issues:	Well No. 7 has been operating through the AOP system for the entire quarter.		
Water Quality Sampling:	See Attached Water Quality Results: (*) Well No. 7: 1,4-Dioxane: ND, PFOS: ND, PFOA: ND		

(*) Samples taken on December 20, 2022 with results pending. October and November sample results presented

Legend:

PFOA: Perfluorooctanoic Acid

PFOS: Perfluorooctanesulfonic Acid

MCL: Maximum Contaminant Level

ppb: parts per billion

ppt: parts per trillion

ND: Non-detectable (below detection limits)

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Rockaway Avenue Plant Site (Well Nos. 8 and 12)			
Milestone	Date	Completed / On Schedule (Y/N)	Notes and Comments
Pilot Testing	October 2019	Completed	
Engineering Report Regulatory Submission	April 2, 2021	Completed	
Interim Treatment Project Design Regulatory Submission	April 2, 2021	Completed	
Project Construction Start Date	March 1, 2021	Completed	
Interim Project Completion	June 2, 2021 Revised 7/30/2021	Completed	
Performance Testing	Well No. 8: Rev. February 2023 Well No. 12: May 2021	N (Rev.) Completed	Field performance testing of Well No. 12 completed on August 18, 2021. Well No. 8 scheduled for Nov. 2022.
Treatment System On-line	Well No. 8: Rev. March 2023 Well No. 12: Rev. March 2023	Y (Rev.)	
Permanent Construction Completion	Rev. April 2023	Y (Rev.)	Wells will remain in service during permanent construction.
Progress during Quarter:	See Attached Update		
Potential Issues:	Performance testing for Well No. 8 has been held up until 2023. Permanent building enclosure construction has started.		
Water Quality Sampling:	See Attached Water Quality Results: (*) Well No. 8: 1,4-Dioxane: 1.2 ppb, PFOS: 5.3 ppt, PFOA: 5.3 ppt Well No. 12: Out of Service for Quarter		

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Clinton Road Plant Site (Well Nos. 10 and 11)			
Milestone	Date	Completed / On Schedule (Y/N)	Notes and Comments
Pilot Testing	September 2019	Completed	
Engineering Report Regulatory Submission	March 18, 2020	Completed	New York State and Nassau County Health Dept. approval received on December 4, 2020
Interim Treatment Project Design Regulatory Submission	March 18, 2020	Completed	New York State and Nassau County Health Dept. approval received on December 4, 2020
Project Construction Start Date	May 15, 2020	Completed	
Interim Project Completion	October 16, 2020	Completed	
Performance Testing	November 2020	Completed	Performance testing in field completed on November 30, 2020
Treatment System On-line	Well No. 11: April 2021 Well No. 10: May 2021	Completed	Well Nos 10 and 11 are online.
Permanent Construction Completion	Rev. May 2022	Y (Rev.)	Substantially complete. Punch list itmes are being completed.
Progress during Quarter:	See Attached Update		
Potential Issues:	Well Nos. 10 and 11 have been in service through their respective AOP systems for the entire quarter.		
Water Quality Sampling:	See Attached Water Quality Results: (*) Well No. 10: 1,4-Dioxane: ND, PFOS: ND, PFOA: ND Well No. 11: 1,4-Dioxane: ND, PFOS: ND, PFOA: ND		

(*) Samples taken in December with results pending. October and November sample results presented

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Country Club Well Site (Well Nos. 13 and 14)			
Milestone	Date	Completed / On Schedule (Y/N)	Notes and Comments
Pilot Testing	November 2019	Completed	
Engineering Report Regulatory Submission	October 10, 2020	Completed	
Interim Treatment Project Design Regulatory Submission	March 18, 2020	Completed	
Project Construction Start Date	September 21, 2020	Completed	
Interim Project Completion	April 1, 2021	Completed	
Performance Testing	April 2021	Completed	
Treatment System On-line	May 2021	N	Authorized to run treatment plant to system on July 12, 2021.
Permanent Construction Completion	Treatment: Rev. Nov. 2022 Building: Rev. March 2023	Y (Rev.)	GAC Vessels were moved from ground slab to basement to accommodate Golf Course. Larger vessels were installed
Progress during Quarter:	See Attached Update		
Potential Issues:	Golf Course which surrounds site requested lower profile GAC enclosure building. GAC's were removed and larger vessels were be installed 10 feet below grade. Waiting for HD approval of partial completed works for GAC installation		
Water Quality Sampling:	See Attached Water Quality Results: (*) Well No. 13: 1,4-Dioxane: 0.79 ppb, PFOS: 12.4 ppt, PFOA: 6.0 ppt Well No. 14: Out of service in first quarter.		

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Hilton Park Site (Well Nos. 15 and 16)			
Milestone	Date	Completed / On Schedule (Y/N)	Notes and Comments
Pilot Testing	November 2019	Completed	
Engineering Report Regulatory Submission	September 21, 2020	Completed	
Treatment Project Design Regulatory Submission	September 21, 2020	Completed	
Project Construction Start Date	May 15, 2021	Completed	
Project Completion	9/1/2021 Revised: April 2023	Y (Rev.)	Equipment delays resulted in delayed construction of building which pushed back completion date.
Performance Testing	June 2021 Revised: February 2023	Y (Rev.)	Issues with existing iron removal plant delayed performance testing.
Treatment System On-line	July 2021 Revised: May 2023	Y (Rev.)	
Permanent Construction Completion	Rev. September 2022	Y (Rev.)	
Progress during Quarter:	See Attached Update		
Potential Issues:	Waiting for replacement electric actuated valves for proper operation of the existing iron removal system. Once the iron plant is in service, performance testing of the wells will be completed.		
Water Quality Sampling:	See Attached Water Quality Results: Well No. 15: Out of Service for Quarter Well No. 16: Out of Service for Quarter		

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Wilson Street Site (Well No. 9)			
Milestone	Date	Completed / On Schedule (Y/N)	Notes and Comments
Pilot Testing	July 2020	Completed	
Engineering Report Regulatory Submission	April 16, 2021	Completed	NCDH Endorsement of Engineering Report issued on September 17, 2021
Treatment Project Design Regulatory Submission	September 1, 2021 Revised: November 2022	Y	Schedule pushed back as other site priorities are completed. Contaminant Levels at this site have remained lower.
Project Construction Start Date	March 2023		
Project Completion	April 1, 2024		
Performance Testing	February 2024		
Treatment System On-line	Apr-24		
Progress during Quarter:	See Attached Update		
Potential Issues:			
Water Quality Sampling:	See Attached Water Quality Results: (*) Well No. 9: 1,4-Dioxane: 0.41 ppb, PFOS: 4.2 ppt, PFOA: ND		

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