

Inc. Village of Garden City

PWS ID No. 2902824

Quarterly Deferral Update

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

Date: July 1, 2022

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 was underproducing. Well pump was pulled and hole was discovered in column pipe. Well pump and column assembly was replaced and well is back on line		
Water Quality Sampling:	See Attached Water Quality Results: Well No. 7: 1,4-Dioxane: ND, PFOS: ND, PFOA: ND		

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. April 2022 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 Jan. 2022.
Treatment System On-line	Well No. 8: Rev. October 2022 Well No. 12: Rev. August 2022	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 was held off until Fall because the GAC units were winterized and then Well 8 was needed to run to system.		
Water Quality Sampling:	See Attached Water Quality Results: Well No. 8: 1,4-Dioxane: 1.1 ppb, PFOS: 3.0 ppt, PFOA: 3.9 ppt Well No. 12: Out of Service for Quarter		

Legend:

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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.)	Electrical system upgrade delayed waiting for PSE&G work.
Progress during Quarter:	See Attached Update		
Potential Issues:	Electrical system at Plant was being replaced during the winter so wells were out of service. Supply issues with PSE&G has held up replacement of transformer. Transformer work to be completed in April 2022 and wells will be in service shortly thereafter.		
Water Quality Sampling:	See Attached Water Quality Results: Well No. 10: 1,4-Dioxane: ND, PFOS: ND, PFOA: ND Well No. 11: Out of service for Quarter		

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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. May 2022 Building: Rev. Sept. 2022	Y (Rev.)	GAC Vessels to be moved from ground slab to basement to accommodate Golf Course. Larger vessels to be 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 will be installed 10 feet below grade.		
Water Quality Sampling:	See Attached Water Quality Results: Well No. 13: 1,4-Dioxane: 0.84 ppb, PFOS: 10.9 ppt, PFOA: 4.7 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: June 2022	Y (Rev.)	Equipment delays resulted in delayed construction of building which pushed back completion date.
Performance Testing	June 2021 Revised: May 2022	Y (Rev.)	Issues with existing iron removal plant delayed performance testing.
Treatment System On-line	July 2021 Revised: June 2022	Y (Rev.)	
Permanent Construction Completion	Rev. September 2022	Y (Rev.)	
Progress during Quarter:	See Attached Update		
Potential Issues:	Waiting on PSE&G to install new electric service and transformer due to material delays. Issues with existign iron removal system caused delays in perromance testing. Some valves are inoperable and are being repaired.		
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: July 2022	Y	Schedule pushed back as other site priorities are completed. Contaminant Levels at this site have remained lower.
Project Construction Start Date	September 2022		
Project Completion	December 2023		
Performance Testing	October 2023		
Treatment System On-line	December 2023		
Progress during Quarter:	See Attached Update		
Potential Issues:			
Water Quality Sampling:	See Attached Water Quality Results: Well No. 9: 1,4-Dioxane: 0.42 ppb, PFOS: 2.4 ppt, PFOA: ND		

Legend:

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PFOS: Perfluorooctanesulfonic Acid

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