



# DNREC Virtual Public Hearing

## QUARRY WALK WASTEWATER COLLECTION AND CONVEYANCE SYSTEM CONSTRUCTION AND TEMPORARY HOLDING (STORAGE) TANK PERMITS (Docket #2024-P-W-0010)

Welcome. Any visual content that is part of this hearing will appear in this window.

**Computer Audio:** Use the **audio connections menu** to turn audio on or off.

**Telephone Audio:** DIAL-in Number: 1-646-558-8656

**Meeting ID:** 838 0955 0220 **Passcode:** 211922

Comments will be accepted using the DNREC Comment form, via email, or by USPS mail as noted on the hearing event page ([de.gov/dnrechearings](https://de.gov/dnrechearings))

# INTRODUCTION

- Quarry Walk, LLC has submitted applications for a Wastewater Collection and Conveyance System Construction Permit and for an On-Site Wastewater Treatment and Disposal System Temporary Holding (Storage) Tank Permit to serve the Quarry Walk residential subdivision, located at 838 Yorklyn Road, Hockessin, New Castle County.
- The purpose of this presentation is to provide an overview of the Applications, and if approved, the proposed Permits.



# Wastewater Collection and Conveyance System Construction Permit Application

- Required by 7 Del.C. Ch.60 and 7 Del. Admin. Code §7201, *Regulations Governing the Control of Water Pollution* (Section 4.0).
- Application submitted for authorization to construct:
  - Approximately one thousand seven hundred and thirteen linear feet (1713 LF) of six (6) inch diameter sanitary sewer force main
  - One (1) pump station and related appurtenances
    - Pump station has a diesel-powered backup system
- Application included Construction Plans and Specifications signed and sealed by a DE registered Professional Engineer.
- The infrastructure will serve the 63-lot Quarry Walk subdivision with 61 townhomes.
- The sanitary sewer is gravity (flow) to the proposed pump station (when constructed will be owned and operated by New Castle County) and pumped by force main to the New Castle County sewer on Yorklyn Road.

# Wastewater Collection and Conveyance System Construction Draft Permit

- Authorizes construction of 1,713 linear feet of force main and a pump station.
- The proposed permit (if approved) will include terms and conditions designed to ensure proper construction, operation, and documentation of all new systems and equipment for the protection of public health and the environment.
- Permit conditions include:
  - Notification submitted to the Department prior to the start-up of construction activities
  - All construction required to be in accordance with Ten States Standards and other applicable local utility construction specifications and standards
  - Authorization for Department staff to perform inspection of records and/or construction activities
  - Submission of an “As Built” set of construction plans for the collection and conveyance system as constructed signed and sealed by a DE registered Professional Engineer

# On-Site Wastewater Treatment and Disposal System Temporary Holding (Storage) Tank Permit Application

- Required by the provisions of 7 Del. C. §6003, and 7 Del. Admin. Code §7101, *Regulations Governing the Design, Installation, and Operation of On-Site Wastewater Treatment and Disposal Systems* (Section 6.10).
- Application submitted for authorization to temporarily store wastewater.
  - The temporary holding tank system will include twelve 1,500-gallon underground tanks to hold up to 7,500 gallons per day (GPD) of wastewater until the Quarry Walk Subdivision force main and pump station are constructed and connection to central sewer is completed.
- Application included Construction Plans and Specifications signed and sealed by a DE registered Professional Engineer.
- Application public noticed on February 21, 2024, and a Public Hearing was requested on March 5, 2024



# On-Site Wastewater Treatment and Disposal System Temporary Holding (Storage) Tank Draft Permit

- Authorizes the installation and use of twelve 1,500-gallon Infiltrator IM-1530 tanks as a temporary holding tank system until the connection to central sewer is completed.
- The proposed permit (if approved) will include terms and conditions designed to protect public health and the environment including:
  - Influent Limitation: The daily average influent flow shall not exceed 7,500 GPD
  - Notification submitted to the Department prior to installation of the temporary system
  - Requiring a float and audio/visual alarm system be installed in the temporary holding tanks to provide an indication of when the contents of the tanks are at 75 percent of capacity and requiring pump outs.
  - The system is designed to be pumped out routinely by a licensed hauler.
    - Pump out reports submitted to the Department

# On-Site Wastewater Treatment and Disposal System Temporary Holding (Storage) Tank Draft Permit

- Permit Conditions Continued:
  - Annual inspections performed by Department staff
  - If the system produces obnoxious odors, considered a public nuisance, the Permit requires corrective actions designed to eliminate odors
  - Spill reporting and mitigation required if any overflows occur
  - Notification submitted to the Department upon connection to central sewer

# Conclusions

- Quarry Walk, LLC has submitted applications for a Wastewater Collection and Conveyance System Construction Permit and for an On-Site Wastewater Treatment and Disposal System Temporary Holding (Storage) Tank Permit to serve the Quarry Walk residential subdivision, located at 838 Yorklyn Road, Hockessin, New Castle County.
- If approved:
  - Construction Permit will authorize the construction of 1,713 linear feet of force main and a pump station with terms and conditions that will ensure proper construction, installation, and documentation of all new systems and equipment.
  - Temporary Storage Tank Permit will allow the storage of wastewater until construction of force main and pump station is completed.
- Both permits have terms and conditions designed to protect public health and the environment.



# Public Hearing Exhibits

- Exhibit 1: Quarry Walk LLC Construction Permit Application
- Exhibit 2: Quarry Walk LLC Construction Permit Plans
- Exhibit 3: Quarry Walk LLC Draft Construction Permit
- Exhibit 4: Quarry Walk LLC Temporary Holding Tank Permit Application
- Exhibit 5: Quarry Walk LLC Draft Temporary Holding Tank Permit
- Exhibit 6: Quarry Walk LLC Delaware State News Public Notice of the Temporary Holding Tank Permit Application
- Exhibit 7: Quarry Walk LLC News Journal Public Notice of the Temporary Holding Tank Permit Application



# Public Hearing Exhibits

- Exhibit 8: Quarry Walk LLC Delaware State News Public Notice of the Temporary Holding Tank Permit Public Hearing
- Exhibit 9: Quarry Walk LLC News Journal Public Notice of the Temporary Holding Tank Permit Public Hearing
- Exhibit 10: Quarry Walk LLC Delaware State News Public Notice of the Construction Permit Application and Public Hearing
- Exhibit 11: Quarry Walk LLC News Journal Public Notice of the Construction Permit Application and Public Hearing
- Exhibit 12: Quarry Walk LLC Public Meeting Calendar Notice of the Public Hearing
- Exhibit 13: Quarry Walk LLC Public Hearing Requests/Comments
- Exhibit 14: Department Presentation for Quarry Walk LLC Public Hearing



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## QUARRY WALK WASTEWATER COLLECTION AND CONVEYANCE SYSTEM CONSTRUCTION AND TEMPORARY HOLDING (STORAGE) TANK PERMITS (DOCKET #2024-P-W-0010)

Thank you for joining us. We will accept comments on this matter through July 10, 2024.

Comments may be submitted in writing

via [DNREC Comment form](https://dnrec.alpha.delaware.gov/public-hearings/comment-form/) - <https://dnrec.alpha.delaware.gov/public-hearings/comment-form/>

via [email](mailto:DNRECHearingComments@delaware.gov)- [DNRECHearingComments@delaware.gov](mailto:DNRECHearingComments@delaware.gov)

or by USPS mail:

Lisa A. Vest, Hearing Officer

DNREC – Office of the Secretary

89 Kings Highway, Dover, DE 19901

The full verbatim transcript will be posted when it becomes available.

For more information, find the event page for this hearing on the DNREC Public Hearings page

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