



# TOWN OF DOVER MAYOR & BOARD OF ALDERMEN

REGULAR MEETING AGENDA  
ELECTRONIC MEETING  
December 7, 2021 7:00 P.M.

*This Agenda is in Accordance with Town Code §2-6 F (3)*

**Please Be Advised That This Meeting Will Be Simulcasted on the Town of Dover's  
YouTube Channel found online here:**

**[https://www.youtube.com/channel/UC7DBVyMoQEXu1U0Z\\_BkaBHA](https://www.youtube.com/channel/UC7DBVyMoQEXu1U0Z_BkaBHA)**

**Zoom Information – Phone**  
**Phone: 929-205-6099**  
**Meeting ID: 899 3797 7693**  
**Passcode: 425430**

**Zoom Information - Computer**  
**Meeting ID: 899 3797 7693**  
**Passcode: Ph21T3**

**A) CALL MEETING TO ORDER / SUNSHINE STATEMENT** – Mayor Carolyn Blackman to call meeting to order and read the Sunshine Statement:

“This meeting is being held in accordance with the Open Public Meetings Act, also known as the Sunshine Law, N.J.S.A. 10:4-6. Notice of the meeting was sent to the Daily Record and Star Ledger on January 10, 2021 and published in the Record and Ledger on January 13, 2021. Notice of the location change, that the meeting was going to be held by Zoom was published in the Ledger on October 30, 2021 and the Record on November 1, 2021. Notice was also posted on the Bulletin Board of the Municipal Building.”

**B) PLEDGE OF ALLEGIANCE** – Mayor Carolyn Blackman to lead those in attendance in the Pledge of Allegiance to the Flag

**C) ROLL CALL** – Acting Municipal Clerk to Conduct Roll Call:

Name	Present	Absent	Excused
Alderman Correa			
Alderman Tapia			
Alderman Ballesteros			
Alderwoman Rugg			
Alderwoman Cruz			
Alderman Valencia			
Alderman Quinones			
Alderwoman Wittner			
Mayor Blackman			

**D) APPROVAL OF MINUTES**

1) Minutes of the Regular Meeting of October 26, 2021.

**E) REPORT OF COMMITTEES**

**F) PRESENTATIONS, MUNICIPAL CORRESPONDENCE**

- 1) Correspondence from Morris County concerning the award of a grant for the East Blackwell Open Space Acquisition
- 2) Correspondence from RVRSA concerning Public Hearing regarding User Fees

**G) ORDINANCES FOR FIRST READING**

**H) ORDINANCES FOR SECOND READING, PUBLIC HEARING AND ADOPTION**

**I) APPROVAL OF BILLS**

- 1) Approval of Bills List (Res. 258-2021)

**J) APPROVAL OF RESOLUTIONS**

**1) CONSENT AGENDA RESOLUTIONS**

- 1) Res. 259-2021 – Res. Authorizing Water Refund for Overpayment in the amount of \$1,093.93 for account #102950-0.
- 2) Res. 260-2021 – Res. Approving Chapter 159 Regarding Drive Sober or Get Pulled Over Grant in the amount of \$6,000.
- 3) Res. 261-2021 – Res. Amending Res. 254-2021 Approving Chapter 159 for a grant award from the Governor’s Council on Alcoholism and Drug Abuse (Increase grant award amount to \$7,755.00).  
Authorizing the Procurement of Furnishings for the Library Renovation in an amount of \$207,946.93 under State Contract.
- 3) Res. 262-2021 – Res. Authorizing the Disposal of Public Property (Radios)

**2) RESOLUTIONS FOR DISCUSSION AND CONSIDERATION**

**K) OLD BUSINESS**

**L) NEW BUSINESS**

**1) NEW BUSINESS ITEMS**

- a) Administration Report – Administrator John O. Bennett III / Mayor Carolyn Blackman

**2) ITEMS REQUESTED FOR DISCUSSION BY INDIVIDUAL ALDERMEN**

**M) PUBLIC COMMENT:**

The Town of Dover highly values the input of residents in making important decisions that affect the residents of our community. We also believe in the rights of residents to observe Governing Body Meetings. To ensure that all of our residents have the opportunity to offer comment, each statement/comment shall be held to a time period of five (5) minutes. Public comment has been solicited via the following manners:

**All comments must include your name and residential address at the beginning of your**

**comment.**

- 1) By hand delivery - Comments may be submitted by hand deliver at Town Hall, located at 37 N. Sussex Street, Dover, NJ 07801 addressed to Acting Municipal Clerk John P. Schmidt. Comments may be dropped off during normal business hours, which are 8:30a.m. to 4:30p.m. up until 1:00 p.m. the day of the meeting.
- 2) By mail - Comments may be submitted by mail to Town Hall, 37 N. Sussex Street, Dover, NJ 07801 addressed to Acting Municipal Clerk John P. Schmidt. Comments must be received by 1:00 p.m., on the day of the meeting.
- 3) By email – Comments may be submitted until 1:00p.m. on the day of the meeting via email to [publiccomment@dover.nj.us](mailto:publiccomment@dover.nj.us). The Subject of the Email Should be as follows “Public Meeting Comment” followed by the date of the meeting and Name. Example: **Public Comment 12/7/2021 John Public.**
- 4) All comments submitted in writing must include your name and residential address at the beginning of your comment.
- 5) Members of the public may also comment during the public comment portion by raising their hands via the Zoom platform, or if participating via phone by dialing \*9 on your telephonic device. After commenting, please dial \*9 again to lower your hand. All members of the public who wish to comment must state their name and residential address after being recognized to speak.

Public comment portions of our agenda are not structured as question and answer sessions, but rather they are offered as opportunities to share your thoughts with the Mayor and Board of Aldermen. The Mayor and Board will attempt to engage in dialogue but may not be able to respond to all public comments. However, all comments are considered and will be investigated and addressed as appropriate.

If you have a question that we are unable to answer at the Meeting, feel free to submit your questions to the Business Administrator or the Office of the Municipal Clerk, in writing, and include your name, address and telephone number where you can be contacted. The email address of the Business Administrator is [jbennett@dover.nj.us](mailto:jbennett@dover.nj.us) and the email address of the Clerk’s Office is [doverclerk@dover.nj.us](mailto:doverclerk@dover.nj.us). Questions will be answered within a reasonable time.

Please be courteous and mindful of the rights of others when providing comments. Comments may not be abusive, obscene or threatening. All members of the public attending Mayor and Board of Aldermen Meetings must treat each other and the Mayor and Board of Aldermen with respect. Individuals offering comments are not permitted to make personal attacks on any Town Employees, the Mayor or any Member of Town Government, other testifiers or members of the public.

**ADJOURNMENT**

# MORRIS COUNTY BOARD OF COUNTY COMMISSIONERS

Director  
Stephen H. Shaw

P.O. Box 900  
Morristown, NJ 07963-0900

County Administrator  
John Bonanni

Deputy Director  
Deborah Smith

Douglas R. Cabana  
Kathryn A. DeFillippo  
John Krickus  
Thomas J. Mastrangelo  
Tayfun Selen



County Counsel  
John A. Napolitano

Clerk of the Board  
Debra L. Lynch

November 23, 2021

Hon. Carolyn Blackman, Mayor  
Town of Dover  
37 North Sussex Street  
Dover, NJ 07801

Dear Mayor Blackman:

On behalf of the Morris County Board of County Commissioners, I am pleased to announce that the ***East Blackwell Street Property Acquisition*** project is one of the four proposals selected to receive funding from the 2021 Open Space Trust Fund Program. Our decision was based upon a recommendation submitted by the Open Space Trust Fund Committee, a body formed by the Commissioners to evaluate applications submitted by municipalities and/or charitable conservancies. The amount of the grant to your municipality for this project is **\$35,000**.

The Office of Planning & Preservation is now in the process of drafting a grant agreement through which the funds will be distributed to your municipality. In accordance with P.L. 1997, Chapter 24, the grant agreement will require that all land shall be held in a "municipal open space trust" to be used exclusively for the purposes authorized by law. We anticipate executing the grant agreement in early 2022, although funds will not be distributed to the Town of Dover until such time as your municipality is prepared to acquire title.

Once again, let me express my great enthusiasm for the prospect of the Open Space Trust Fund working with you to make the preservation of the ***East Blackwell Street Property Acquisition*** project a reality.

Should you have any questions, contact Joseph Barilla, Director of Planning & Preservation at (973) 829-8120.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen H. Shaw".

Stephen H. Shaw  
Commissioner Director

cc: Town of Dover Aldermen  
John Bennett, Administrator



R.D. #1, 99 Greenbank Road  
Boonton NJ 07005-9602  
Telephone: (973) 263-1555  
Facsimile: (973) 263-9068

Certified Mail R/R 7019 0700 0001 6381 7873

John Schmidt, Municipal Clerk  
Town of Dover  
37 N Sussex Street

Dear Mr. Schmidt,

This is to inform you, that per the Rockaway Valley Regional Sewerage Authority's service rules, a Public Hearing on the Amendment to the User Charge System will be held on December 9, 2021. Attach is the Public Notice, resolution and report.

If you have any questions please call me at (973) 263-1555 ex. 211.

Sincerely,

Rockaway Valley Regional Sewerage Authority

A handwritten signature in black ink, appearing to read "JoAnn Mondsini".

JoAnn Mondsini  
Executive Director

Attachments:

William Isselin-Town of Dover Rep.

**NOTICE OF PUBLIC HEARING ON THE PROPOSED ADOPTION OF  
AMENDMENTS TO THE USER CHARGE SYSTEM OF THE ROCKAWAY VALLEY  
REGIONAL SEWERAGE AUTHORITY**

PLEASE TAKE NOTICE that the Rockaway Valley Regional Sewerage Authority will hold a Public Hearing on **December 9, 2021 at 7:30 p.m.**, or as soon thereafter as the matter may be reached, in a meeting telephonically or through Zoom Video Meeting, prior to adoption of amendments to its User Charge system, which forms the basis for sewer billing for the RVRSA. The amendments proposed are based upon a report entitled, User Charge System Un-Metered Areas Schedules A, B, C and Appendix A and F updates, prepared by Nancy C. Wohlleb P.E., Mott McDonald, dated June 2, 2021.

Join the Zoom Meeting at

<https://us02web.zoom.us/j/84168372222?pwd=eDdySWREWtB6SHYrSVMrZUFwWEJDdz09>

Meeting ID: 841 6837 2222 Passcode: 5hcaL3

One tap mobile+16465588656, 84168372222#, \*456293# US (New York)

+13017158592, 84168372222#, \*456293# US (Washington DC)

Dial by your location +1 646 558 8656 US (New York) +1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago) +1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston) +1 669 900 9128 US (San Jose)

Meeting ID: 841 6837 2222 Passcode: 456293

Find your local number: <https://us02web.zoom.us/j/84168372222?pwd=eDdySWREWtB6SHYrSVMrZUFwWEJDdz09>

Copies of the RVRSA User Charge System Updates, together with relevant documents, are available at the offices of the Rockaway Valley Regional Sewerage Authority at 99 Green Bank Road, Parsippany-Troy Hills, New Jersey and may be obtained by calling Janice Fox, Records Clerk, between the hours of 9:00 A.M. and 4:00 P.M., Monday through Friday at (973) 263-1555. Written comments should be sent to the Rockaway Valley Regional Sewerage Authority, attention of JoAnn Mondsini, Executive Director. All written comments should be received by the Rockaway Valley Regional Sewerage Authority prior to December 9, 2021.



JoAnn Mondsini, Executive Director  
Rockaway Valley Regional Sewerage Authority  
99 Greenbank Rd, RD#1  
Boonton, NJ 07005

**Your Reference**  
UCS Updates May 2021

**Our Reference**  
507393244

Mott MacDonald  
111 Wood Avenue South  
Iselin  
NJ 08830-4112  
United States of America

T +1 (800) 832 3272  
mottmac.com

October 29, 2021

Dear Ms. Mondsini:

As requested, I am forwarding herewith the updates we prepared in June 2021 related to the RVRSA UCS Updates. As submitted in June, the following changes were made:

**Schedule A**

- Updates have been made to certain non-residential properties in all towns to reflect current usage (see below). As such, all formulas have been reviewed to updated EU counts.
- The Denville and Randolph formulas have been updated to reflect the incorporation of the Den Brook Pump Station flow metering.
- Randolph's formula has been updated to include the Mine Hill flow metering
- Change to the Rockaway Borough formula to use the sum of meters upstream of M:RT3 in lieu of the reading at M:RT3. The purpose is to minimize if not eliminate the calculated Rockaway Borough flow being a negative value.
- Added a value for Mine Hill Unmetered Flow and the reference to Appendix F

**Schedule B**

- The Mine Hill flow meters are now described on this worksheet
- The Den Brook Pump Station flow meter is now described on this worksheet

### **Schedule C**

- We are recommending a change to Schedule C to reflect all single-family homes be considered at 250 gallons per day. The current schedule distinguishes “existing” homes and “new” homes (no definition of either). Moreover, the actual computations in Appendix A compute all single-family homes at 250 gpd. In review of prior reports, this computation has been followed in this manner since at least 1994.

### **Appendix A**

- Updates have been made to certain non-residential properties in all towns to reflect current usage. In certain instances, water consumption data is no longer being used as the water consumption data has not been updated since 1998. There are still some properties where water consumption data is still used. We recommend in a future update to review and update water consumption data. It may make sense to do such a review every few years to stay current with occupancy and usage.
- An update was made to the EU count for the Morris County Garage in Wharton
- An update was made to address the use of the Den Brook Pump Station meter and in doing so, there have been numerous changes to the unmetered area tabulation that is itemized in both the Randolph and Denville sections.
- Updates were made to the Boonton Town and Township formulas to reflect an additional residential unit in Boonton Township tributary to Boonton Town.
- Updated to reflect the recommended change to the Rockaway Borough formula (see above).

### **Appendix F**

- RVRSA has provided an updated list of unmetered areas in Mine Hill Township. We have placed the updated list in Appendix F and have also updated the descriptive text.
- Added a value for Mine Hill Unmetered Flow and the reference to Appendix F
- Updated the jointly modified language in the descriptive text per our June 2, 2021 Zoom™ call.

Upon your approval, we recommended the RVRSA adopt these changes and pass a resolution to document the update.



We trust this satisfies your request. If you need any further assistance, please do not hesitate to contact me.

Very truly yours,

Mott MacDonald

*Nancy C Wohlleb*

Nancy C. Wohlleb, P.E., C.M.E., Env Sp  
Vice-President  
973.912.2616  
nancy.wohlleb@mottmac.com



# **User Charge Study Updates**

Rockaway Valley Regional Sewerage Authority

May 2021 (Revised June 2, 2021)

SCHEDULE "A"  
ROCKAWAY VALLEY REGIONAL SEWERAGE AUTHORITY  
SUMMARY  
WASTEWATER FLOW CALCULATION  
METERED FLOW AND UNMETERED EQUIVALENT UNITS  
(UPDATED MAY 2021)

Picatinny

$$\text{Flow} = \text{M:P} - (171 \text{ EU})$$

Wharton

$$\text{Flow} = \text{M:W1} + \text{M:W2} - (\text{M:RT6} + \text{M:P} + \text{M:Pondview}) - (227 \text{ EU})$$

Dover

$$\text{Flow} = \text{M:D} - (\text{M:W1} + \text{M:W2} + \text{M:R2} + \text{M:RT1} + \text{M:RT2}) - (125 \text{ EU})$$

Victory Gardens

$$\text{Flow} = \text{M:VG} + (94 \text{ EU})$$

Rockaway Township

$$\text{Flow} = (\text{M:RT1} + \text{M:RT2} + \text{M:RT4} + \text{M:RT5} + \text{M:RT6} + \text{M:RT7}) + \text{M:Howmet} + \text{M:Pondview} + (256 \text{ EU})$$

Rockaway Borough

$$\text{Flow} = \text{M:RB} - (\text{M:D1} + \text{M:Howmet} + \text{M:R3} + \text{M:VG} + \text{M:RT7} + \text{M:RT4} + \text{M:RT5} + \text{M:DV2}) - (103 \text{ EU})$$

Denville Township

$$\text{Flow} = \text{M:BT1} + \text{M:DV2} + \text{M:DB} - \text{M:RB} + (11 \text{ EU})$$

Randolph Township

$$\text{Flow} = \text{M:R3} + \text{M:R2} - \text{M:DB} - (\text{M:MH1} + \text{M:MH2} + \text{M:MH3} + \text{M:MH4}) - (\text{Mine Hill Unmetered Flow}) + (174 \text{ EU})$$

Boonton Township

$$\text{Flow} = \text{M:BT2} + (96 \text{ EU})$$

Town of Boonton

$$\text{Flow} = \text{M:B} - \text{M:BT2} + (122 \text{ EU})$$

Legend:

M:X = Designation of permanent RVRSA metering facility.  
(## EU) = Adjustment of municipal flow for unmetered areas in EQUIVALENT UNITS.  
1 EU = 250 GPD  
Mine Hill Unmetered Flow = 107 EU's

SCHEDULE "B"  
ROCKAWAY VALLEY REGIONAL SEWERAGE AUTHORITY  
LIST OF METER LOCATIONS

<u>METER</u>	<u>LOCATIONS</u>
M:B	The meter for the Town of Boonton located on the Old Jersey City Trunk Sewer located on the easterly end of Monroe Street.
M:BT1	The RVRSA interceptor sewer meter at the boundary line between Town of Boonton and Boonton Township.
M:BT2	The meter on the lateral sewer through Riverside Hospital's property which replaces the existing trunk sewer
M:D	The RVRSA interceptor sewer meter on Blackwell Street near Carrel Street.
M:DB	The meter located at the Den Brook Pump Station on Mount Pleasant Turnpike in Denville.
M:DV1	The RVRSA interceptor sewer meter at the boundary line between Denville and Boonton Township. Not currently utilized in User Charge formulas.
M:DV2	The meter at sewage pumping station meter chamber on Hogan Road in Denville Township.
M:MH1	One of four Mine Hill Township meters installed in 2016 located at 43 Thomastown Road upstream of the connection to the Jackson Brook Interceptor, tributary to Randolph Township.
M:MH2	One of four Mine Hill Township meters installed in 2016 located at 400 East Randolph Avenue upstream of the connection to the Jackson Brook Interceptor, tributary to Randolph Township.
M:MH3	One of four Mine Hill Township meters installed in 2016 located at 23 Glen Road upstream of the connection to the Jackson Brook Interceptor, tributary to Randolph Township.
M:MH4	One of four Mine Hill Township meters installed in 2016 located at 20 Fairfield Avenue upstream of the connection to the Jackson Brook Interceptor, tributary to Randolph Township.
M:P	The meter off Dewey Avenue in Wharton which meters flow from Picatinny Arsenal prior to discharge into the RVRSA interceptor sewer.
M:Pondview	The meter at the sewage pumping station meter chamber measuring flow from Pond View Development in Rockaway Township, tributary to Wharton Borough.
M:R1	The existing meter on the Den Brook interceptor sewer near Shongum Lake.
M:R2	The Jackson Brook branch interceptor sewer meter off Park Heights Avenue in Dover, near the boundary line between Dover and Randolph.
M:R3	The meter for the Randolph Township Millbrook branch interceptor sewer at its connection to the RVRSA branch interceptor, off Rockaway Road, near the boundary line between Randolph and Rockaway Township. This meter has been placed in service since the 1994 Revision.

- M:RB The RVRSA interceptor sewer meter at the boundary line between Rockaway Borough and Denville.
- M:RT1 The RVRSA Oak Street branch interceptor sewer meter at the corner of Mercer Street and NJ Hwy. Route 46 in Dover.
- M:RT2 The meter on the Rockaway Township interceptor sewer on North Salem Street.
- M:RT3 The RVRSA interceptor sewer meter at the boundary line between Rockaway Township and Rockaway Borough (near Howmet Corporation property).
- M:RT4 The meter on the existing Rockaway Township interceptor sewer in the park near Dock Street in Rockaway Borough.
- M:RT5 The meter on the existing Rockaway Township interceptor sewer which is tributary to the RVRSA interceptor sewer near Beaver Brook.
- M:RT6 The meter on the Rockaway Township Green Pond Brook branch interceptor sewer at the intersection of NJ Hwy. Route 15 and Mt. Pleasant Avenue in Rockaway Township.
- M:RT7 Permanent meter installation at Carrel Street, Rockaway Township consisting of a Palmer-Bowlus insert flume in a sewer manhole.
- M:STP An influent flow meter for the RVRSA. It is located at the easterly end of Monroe Street in Town of Boonton and is not used in RVRSA User Charge Formulas.
- M:VG The meter on Victory Gardens collector sewer at its connection to the RVRSA Millbrook branch interceptor off Rockaway Road in Randolph.
- M:W1 The RVRSA interceptor sewer meter at the boundary line between Dover and Wharton. The meter is near the northerly end of Richboynton Road.
- M:W2 The meter on the trunk line in Blackwell Street. The meter is located between Princeton Avenue and the Jackson Brook siphon chambers.

SCHEDULE "C"  
ROCKAWAY VALLEY REGIONAL SEWERAGE AUTHORITY  
GALLONAGE FIGURES

I. Residential Dwellings

A. Projects Utilizing Standard Fixtures

1BR Apartment : 1.443 @ 75 = 110 GPD/unit  
2BR Apartment : 2.175 @ 75 = 165 GPD/unit  
3BR Apartment : 3.439 @ 75 = 260 GPD/unit  
1BR Townhouse : 1.695 @ 75 = 127 GPD/unit  
2BR Townhouse : 2.019 @ 75 = 151 GPD/unit  
3BR Townhouse : 2.808 @ 75 = 210 GPD/unit

B. Projects Utilizing Water Saving Fixtures

1BR Apartment : 1.443 @ 65 = 95 GPD/unit  
2BR Apartment : 2.175 @ 65 = 141 GPD/unit  
3BR Apartment : 3.439 @ 65 = 224 GPD/unit  
1BR Townhouse : 1.695 @ 65 = 110 GPD/unit  
2BR Townhouse : 2.019 @ 65 = 131 GPD/unit  
3BR Townhouse : 2.808 @ 65 = 183 GPD/unit

C. Single Family Homes, Existing: 225 GPD/unit

D. Single Family Homes, New: 275 GPD/unit

II. Commercial Buildings

A. Historical water consumption data shall be collected for structures of equivalent type and similar size for the derivation of contributory flow parameters. Typical ranges are from 0.08 GPD/sq. ft. to 0.125 GPD/sq. ft.

B. Based upon projected manpower structure for 8-hour day:

Factory worker @ 25 GPD/worker  
Office worker @ 15 GPD/worker

From: 1985 Practitioners Guide to Fiscal Impact Analysis

**APPENDIX A**  
**ADJUSTMENTS FOR UNMETERED AREAS**

The User Charge System adjustments for unmetered areas is based on equivalent units (EU). RVRSA has adopted a schedule of gallonage values (Schedule "C") to compute contributory flow from various residential and non-residential users. Gallonage for Single Family Dwellings are assigned the average of the gallonage value of 225 gpd/unit for existing homes and 275 gpd/unit for new homes or 250 gpd/EU. Apartment and townhouse complexes are assigned their contributory flow based upon anticipated gallon per day per capita for each type of residential unit and bedroom count. Non-residential users are assigned their contributory flow using NJDEP standards for computing flow to wastewater conveyance and treatment facilities per N.J.A.C. 7:14A-23, where applicable. The estimated wastewater contribution for non-residential users not covered in the above referenced documents are denoted in this appendix by "\*\*\*". In such instances, the contributory flow is based upon the average water consumption data used during the 1998 UCS update. Due to changes in the use/occupancy of certain non-residential users, the use of water consumption data as the basis for calculating the contributory flow is no longer appropriate, hence the calculation of the contributory flow was updated using N.J.A.C. 7:14A-23 projected flow criteria and current building use/occupancy information in lieu of water consumption data.

General building information was obtained from multiple sources. Building square footages were sourced from the Morris County NJ Board of Taxation. Occupancy/usage information was obtained via online resources made available by or through direct contact with the owner/entity. This information was then utilized in computing non-residential contributory flow values as prescribed in Schedule "C" and N.J.A.C. 7:14A-23.

The standard EU value for the RVRSA is 250 GPD. Once the contributory flow is computed for all residential and non-residential users, the EU is calculated by dividing the contributory flow by 250 gpd. The resulting EU is then rounded up the next whole number.





**WHARTON:**

The Rockaway Valley Regional Sewerage Authority (RVRSA) interceptor sewer meter near Richboynton Avenue is designated as M:W1. The meter on Blackwell Street between Princeton Avenue and Park Heights Avenue is designated M:W2. The following adjustments must be made to obtain the appropriate flow for Wharton:

1. Deduct the Rockaway Township flow from Green Pond Brook M:RT6.
2. Deduct the flow from Picatinny Arsenal, M:P.
3. Deduct the flow from Pondview, M:Pondview
4. Deduct the flow attributed to Dover inhabitants residing in the area tributary to M:W2, (Designated D-W-1):
  - a. 1 – Four-Family Home = - 4 units
  - b. 1 – Three-Family Home = - 3 units
  - c. 38 - Two-Family Homes = - 76 units
  - d. 109 Single Family homes = - 109 units
  - e. 417 Blackwell St.  
Orthopedic Plaza  
Office 0.1 GPD/sf x 2,706 sf = 270.6 GPD  
EU =  $\frac{270.6 \text{ GPD}}{250 \text{ GPD}}$  = - 2 units
  - f. 395 Blackwell St.  
Eye, Ear, Nose & Throat Assoc.  
Office 0.1 GPD/sf x 4,493 sf = 449.3 GPD  
EU =  $\frac{449.3 \text{ GPD}}{250 \text{ GPD}}$  = - 2 units
  - g. 393 Blackwell St.  
Monica Dodd Palestis Esq.  
Office 0.1 GPD/sf x 2,706 sf = 270.6 GPD  
EU =  $\frac{270.6 \text{ GPD}}{250 \text{ GPD}}$  = - 2 units
  - h. 387 Blackwell St.  
At Your Feet Podiatry  
Office 0.1 GPD/sf x 3,354 sf = 335.4 GPD  
EU =  $\frac{335.4 \text{ GPD}}{250 \text{ GPD}}$  = - 2 units

i.	383 Blackwell St. Plaza – Critical Facilities Recruiting / Peter Kazella & Associates Inc. Office 0.1 GPD/sf x 3,307 sf = 330.7 GPD EU = $\frac{330.7 \text{ GPD}}{250 \text{ GPD}}$	- 2 units
j.	369 Blackwell St. Advocare Dover Medicine Office 0.1 GPD/sf x 11,150 sf = 1,115 GPD EU = $\frac{1,115 \text{ GPD}}{250 \text{ GPD}}$	- 5 units
**k.	1 Baker Ave Smith-Taylor-Ruggiero Funeral Home EU = $\frac{255 \text{ GPD}}{250 \text{ GPD}}$	- 2 units
l.	1 Princeton Ave. JDV Equipment Corporation Office 0.1 GPD/sf x 2,451 sf = 245.1 GPD EU = $\frac{245.1 \text{ GPD}}{250 \text{ GPD}}$	- 1 unit
**m.	4 Princeton Ave. Turkestanian American Association EU = $\frac{935 \text{ GPD}}{250 \text{ GPD}}$	- 4 units
**n.	45 Lehigh St. Joe Kubert School EU = $\frac{1,244 \text{ GPD}}{250 \text{ GPD}}$	- 5 units
	<b>Subtotal Units (D-W-1)</b>	<b>- 219 units</b>
5.	Deduct the flow attributed to Rockaway Township inhabitants residing in the area tributary to M:W1, (RT-W-1):	
a.	Morris County Wharton Garage EU = $\frac{1,200 \text{ GPD}}{250 \text{ GPD}}$	- 5 units
b.	3 Single Family Homes =	- 3 unit
	<b>Subtotal Units (RT-W-1)</b>	<b>- 8 units</b>

**NET UNIT ADJUSTMENT (-219, -8) = -227 units**

WHARTON: Flow = M:W1 + M:W2 – (M:RT6 + M:P + M:Pondview) - (227 EU)

**DOVER:**

The RVRSA interceptor sewer meter on Blackwell Street near Carrel Street is designated as M:D. The following adjustments must be made to obtain the appropriate flow for Dover:

1. Deduct flows at M:W1, M:W2, M:R2, M:RT1 and M:RT2.
2. Add flow attributed to Dover inhabitants residing in the area tributary to the M:W2 meter (D-W-1). (See Item 4 - Wharton Section).  
**+ 219 units**
3. Add flow attributed to Dover inhabitants residing in the area tributary to M:R2, (D-R-1):
  - a. 2 Two-Family Homes + 4 units
  - b. 99 Single Family Homes + 99 units**Subtotal Units (D-R-1) + 103 units**
4. Add flow attributed to Dover inhabitants on Park Heights Road tributary to M:R2, (D-R-2):
  - a. 25 Single Family Homes + 25 units**Subtotal Units (D-R-2) + 25 units**
5. Deduct flow attributed to Randolph inhabitants residing in the area tributary to Dover at Woodland Road, (R-D-1):
  - a. 225 Single Family Homes - 225 units
  - b. 256 Route 10  
Fuel 4 Gas Station  
125 GPD/filling positions x 12 filling positions = 1,500 GPD  
EU =  $\frac{1500}{250}$  GPD = - 6 units
  - \*\*c. 272 Route 10  
Tuttle Funeral Home, Rt. 10  
EU =  $\frac{1,902}{250}$  GPD = - 8 units
  - d. 284 Route 10  
Weichert Realtors  
Office 0.1 GPD/sf x 4,632 sf = 463.2 GPD  
EU =  $\frac{463.2}{250}$  GPD = - 2 units

e.	296 Route 10 State Farm Insurance Office 0.1 GPD/sf x 1,623 sf = 162.3 GPD EU = $\frac{162.3 \text{ GPD}}{250 \text{ GPD}}$	- 1 unit
f.	304 Route 10 HiddenFence.com Office 0.1 GPD/sf x 2,344 sf = 234.4 GPD EU = $\frac{234.4 \text{ GPD}}{250 \text{ GPD}}$	- 1 unit
g.	312 Route 10 Ben Horton Architecture & Design Office 0.1 GPD/sf x 1,264 sf = 126.4 GPD EU = $\frac{126.4 \text{ GPD}}{250 \text{ GPD}}$	- 1 unit
h.	320 Route 10 Jaman Engineering Associates Office 0.1 GPD/sf x 1,204 sf = 120.4 GPD EU = $\frac{120.4 \text{ GPD}}{250 \text{ GPD}}$	- 1 unit
**i.	340 Route 10, Fire Department Rental	- 1 unit
**j.	340 Route 10, Millbrook Fire	- 5 units
k.	376 Route 10 Randolph Transmission 50 GPD/service bay x 4 bays = 200 GPD EU = $\frac{200 \text{ GPD}}{250 \text{ GPD}}$	- 1 unit
l.	390 Route 10 Lot 22 Office Building Office 0.1 GPD/sf x 15,342 sf = 1,534.2 GPD EU = $\frac{1,534.2 \text{ GPD}}{250 \text{ GPD}}$	- 7 units
m.	390 Route 10 Lot 22.01 Office Building Office 0.1 GPD/sf x 1,424 sf = 142.4 GPD EU = $\frac{142.4 \text{ GPD}}{250 \text{ GPD}}$	- 1 unit
n.	322 S. Morris St. Randolph Christadelphian Chapel	- 1 unit
	<b>Subtotal Units (R-D-1)</b>	<b>- 261 units</b>

6. Deduct flow attributed to Randolph inhabitants residing in the area tributary to Dover sewers on South Salem Street, (R-D-2):

a.	1 Single Family Home	- 1 unit
b.	Boulder Ridge Townhome Community 86 Two-Bedroom Units @ 151 GPD/unit EU = $\frac{12,986 \text{ GPD}}{250 \text{ GPD}}$	- 52 units
**c.	158 S. Salem St. Dover Dodge Chrysler Jeep EU = $\frac{660 \text{ GPD}}{250 \text{ GPD}}$	- 3 units
d.	155 S. Salem St. Shell Gas Station 125 GPD/filling position x 10 filling positions = 1,250 GPD EU = $\frac{1,250 \text{ GPD}}{250 \text{ GPD}}$	- 5 units
**e.	166 S. Salem St. Valley Die Cutting EU = $\frac{903 \text{ GPD}}{250 \text{ GPD}}$	- 4 units
f.	168 S. Salem St. Western Union Office 0.1 GPD/sf x 1,890 sf = 189.0 GPD EU = $\frac{189 \text{ GPD}}{250 \text{ GPD}}$	- 1 unit
g.	169 S. Salem St. Aarshirwad Palace Banquet Hall 20 GPD/seat x 350 seats = 7,000 GPD EU = $\frac{7,000 \text{ GPD}}{250 \text{ GPD}}$	- 28 units
**h.	29 Reed St. JAN Packaging EU = $\frac{1,612 \text{ GPD}}{250 \text{ GPD}}$	- 7 units
	<b>Subtotal Units (R-D-2)</b>	<b>- 101 units</b>

7. Deduct flow from Victory Garden Apartments (VG-D-1):
- a. Victory Hills East  
123 units (as per superintendent)
- 115 single bedroom units @ 110 GPD/unit = 12,650 GPD  
8 two-bedroom units @ 165 GPD/unit = 1,320 GPD
- EU = (12,650 GPD + 1,320 GPD) =  $\frac{13,970 \text{ GPD}}{250 \text{ GPD}}$  = - 56 units
- b. Brook Run Apartments  
80 units (as per developer plans)
- 68 single bedroom units @ 110 GPD/unit = 7,480 GPD  
12 two-bedroom units @ 165 GPD/unit = 1,980 GPD
- EU = (7,480 GPD + 1,980 GPD) =  $\frac{9,460 \text{ GPD}}{250 \text{ GPD}}$  = - 38 units
- Subtotal Units (VG-D-1) - 94 units**
8. Deduct flow from Rockaway Township residents in the area tributary to the Dover sewer system at Lincoln Avenue, (RT-D-1):
- 41 Single Family Homes = - 41 units
- Subtotal Units (RT-D-1) - 41 units**
9. Deduct flow from Rockaway Township inhabitants on Cooper, Christopher, Stephen, Titus and Conger Streets, (RT-D-2):
- 10 Single Family Homes - 10 units
- Subtotal Units (RT-D-2) - 10 units**
10. Deduct flow from Rockaway Township inhabitants off of Hillside Avenue (RT-D-3)
- 18 Single Family Homes - 18 units
- Subtotal Units (RT-D-3) - 18 units**
11. Add flow from Dover inhabitants residing in the area tributary to the Rockaway Township meter M:RT2, (D-RT-2):
- a. 39 Single Family Homes + 39 units
- b. 259 Route 46  
Praxair Welding Gas and Supply Store  
Store 0.1 GPD/sf x 2128 sf = 212.8 GPD

- EU =  $\frac{212.8 \text{ GPD}}{250 \text{ GPD}} =$  +1 unit
- c. 260 Route 46  
La Finca Bar & Celebrity Liquors  
Store 0.1 GPD/sf x 2136 sf = 213.6 GPD  
EU =  $\frac{213.6 \text{ GPD}}{250 \text{ GPD}} =$  + 1 unit
- d. 261 & 263 Route 46  
MD Colors  
Store 0.1 GPD/sf x 5145 sf = 514.5 GPD  
EU =  $\frac{514.5 \text{ GPD}}{250 \text{ GPD}} =$  + 3 units
- e. 265 Route 46  
Johnson Truck Accessories  
Store 0.1 GPD/sf x 6787 sf = 678.7 GPD  
EU =  $\frac{678.7 \text{ GPD}}{250 \text{ GPD}} =$  + 2 units
- f. 267 Route 46  
Garden State Tile  
Store 0.1 GPD/sf x 10694 sf = 1069.4 GPD  
EU =  $\frac{1069.4 \text{ GPD}}{250 \text{ GPD}} =$  + 5 units
- g. 285 Route 46  
Frontier Wine Imports  
Store 0.1 GPD/sf x 15980 sf = 1598 GPD  
EU =  $\frac{1598 \text{ GPD}}{250 \text{ GPD}} =$  + 7 units
- h. 315 Route 46  
Car Craft Autosports  
Store 0.1 GPD/sf x 3780 = 378 GPD  
EU =  $\frac{378 \text{ GPD}}{250 \text{ GPD}} =$  + 2 units
- i. 375 East McFarlan St.  
Professional Building  
Office 0.1 GPD/sf x 5000 sf = 500 GPD  
EU =  $\frac{500 \text{ GPD}}{250 \text{ GPD}} =$  + 2 units
- j. 2 Beatty St.  
J T Mase Mechanical Corporation  
Office 0.1 GPD/sf x 7037 sf = 703.7 GPD  
EU =  $\frac{703.7 \text{ GPD}}{250 \text{ GPD}} =$  + 3 units

	<b>Subtotal Units (D-RT-2)</b>	<b>+ 65 units</b>
12.	Deduct flow from Randolph inhabitants residing in the area tributary to the Dover sewer system at Kaye and Brook Streets, (R-D-3):	
	5 Single Family Homes	- 5 units
	<b>Subtotal Units (R-D-3)</b>	<b>- 5 units</b>
13.	Deduct flow from Randolph inhabitants residing in the area tributary to the Dover sewer system at Crystal Street, (R-D-4):	
	12 Single Family Homes	- 12 units
	<b>Subtotal Units (R-D-4)</b>	<b>- 12 units</b>
14.	Add flow from Dover inhabitants tributary to the Rockaway Township meter M:RT1, (D-RT-1):	
	5 Single Family Homes	+ 5 units

**NET UNIT ADJUSTMENT = (+219, +103, +25, - 261, -101, -94, -41, -10, -18, +65, -5, -12, +5) = -125 units**  
**DOVER: Flow = M:D - (M:W1 + M:W2 + M:R2 + M:RT1 + M:RT2) - (125 EU)**



**VICTORY GARDENS:**

The collector sewer meter on Dover Rockaway Road is designated as M:VG. The following adjustments must be made to obtain the appropriate flow from Victory Gardens:

1. Add flow from apartment residents in Victory Gardens flowing to the Dover system at Brook Drive. (See Item 7 under Dover section, VG-D-1): **+ 94 units**

**NET UNIT ADJUSTMENT = +94 units**

VICTORY GARDENS: Flow = M:VG + (94 EU).

**ROCKAWAY TOWNSHIP:**

Rockaway Township is tributary to the RVRSA interceptor sewer at many points. The RVRSA interceptor sewer meter downstream of the Howmet Corporation property, designated as M:RT3 is not utilized for Rockaway Township flow. Rockaway Township flow is calculated as the sum of individual meters plus equivalent units from unmetered areas. The following adjustment must be made to obtain the appropriate flow for Rockaway Township:

1. Add flows at M:RT1, M:RT2, M:RT4, M:RT5, M:RT6 and M:RT7.
2. Add flow from Rockaway Township inhabitants residing in the area tributary to the Dover sewer system at Lincoln Avenue (See Item 8 - Dover Section, RT-D-1):  
**+ 41 units**
3. Add flow from Rockaway Township inhabitants (See Item 9 - Dover Section, RT-D-2):  
**+ 10 units**
4. Add flow from Rockaway Township inhabitants (See Item 10 - Dover Section, RT-D-3):  
**+ 18 units**
5. Deduct flow from Dover inhabitants residing in the area tributary to the meter M:RT2 (See Item 11 - Dover Section, D-RT-2):  
**- 65 units**
6. Deduct flow from Rockaway Borough residents in the area tributary to Rockaway Township sewer on Swedes Mine Road, (RB-RT-1):  
85 Single Family Homes - 85 units  
**Subtotal Units (RB-RT-1) - 85 units**
7. Deduct flow from Rockaway Borough residents in the area tributary to Rockaway Township meter M:RT2, (RB-RT-2):  
2 Single Family Homes - 2 units  
**Subtotal Units (RB-RT-2) - 2 units**
8. Add flow from Rockaway Township residents in the area tributary to the Rockaway Borough sewer at Stephen Place, (RT-RB-1):  
87 Single Family homes + 87 units  
**Subtotal Units (RT-RB-1) + 87 units**
9. Deduct flow from Rockaway Borough residents in the area tributary to meter M:RT4; (RB-RT-3):  
3 Single Family Homes - 3 units

	<b>Subtotal Units (RB-RT-3)</b>	<b>- 3 units</b>
10.	Add flow from Rockaway Township inhabitants on Rockaway Road, Roy Street and E. Blackwell Street tributary to the Rockaway Borough meter M:RB; (RT-RB-2):	
a.	21 Single Family Homes	+ 21 units
b.	Country Village Apartments (Rockaway Road) 46 units (per superintendent): 41 single bedroom units @ 110 GPD/unit = 4,510 GPD 5 two-bedroom units @ 165 GPD/unit = 825 GPD EU = (4,510 GPD + 825 GPD) = <u>5,335</u> GPD = 250 GPD	+ 22 units
**c.	425 E. Blackwell Street Lakeland Bus Company EU = <u>6,953</u> GPD = 250 GPD	+ 28 units
d.	414 E. Blackwell Street Tito's Auto Repair Auto Service <u>50 GPD/service Bay x 2 bays</u> = 100 GPD Office 0.1 GPD/sf x 5408 sf = 540.8 GPD EU = <u>640.8</u> GPD = 250 GPD	+ 3 units
e.	414 E. Blackwell Street Mixed Offices/Commercial Space Store 0.1 GPD/sf x 5408 sf = 540.8 GPD EU = <u>540.8</u> GPD = 250 GPD	+ 3 units
f.	431 E. Blackwell Street Madsen Auto Restoration/Best Lab of NJ Office 0.1 GPD/sf x 8520 sf = 852 GPD EU = <u>852</u> GPD = 250 GPD	+ 4 units
	<b>Subtotal Units (RT-RB-2)</b>	<b>+ 81 units</b>
11.	Add metered Howmet flow. Wastewater flow records are available from Howmet meters required by the industrial pretreatment agreement. (One wastewater meter for the Casting Division and one wastewater meter for Alloy Division).	
12.	Add flow from Rockaway Township inhabitants residing in the area tributary to meter M:P; (RT-P-1) (See Item 1 - Picatinny Section, RT-P-1):	<b>+ 171 units</b>
13.	Add flow from Rockaway Township inhabitants residing in the area tributary to meter M:W1,	

(RT-W-1); (See Item 5 – Wharton Section, RT-W-1);

**+ 8 units**

14. Add flow from Pondview Development's meter, M:Pondview
15. Deduct flow from Dover inhabitants tributary to the Rockaway Township meter M:RT1, (D-RT-1) (See Item 14 – Dover Section, D-RT-1):

**5 Single Family Homes**

**+ 5 units**

**NET UNIT ADJUSTMENT = (+41, +10, +18, -65, -85, -2, +87, -3, +81, +171, +8, -5) = +256 units**

ROCKAWAY TOWNSHIP: Flow = (M:RT1 + M:RT2 + M:RT4 + M:RT5 + M:RT6 + M:RT7) + M:Howmet + M:Pondview + (256 EU)

NOTE:

- (1) Additional commercial and business entities may exist within unmetered area RT-RB-2 that require further investigation which as of May 2021 is still ongoing.

**ROCKAWAY BOROUGH:**

The RVRSA interceptor sewer meter at the boundary between Rockaway Borough and Denville (near Beaver Brook) is designated as M:RB. The RVRSA interceptor sewer meter downstream of the Howmet Corporation property, designated as M:RT3 has been restored as of 2017 and can now be utilized to calculate Rockaway Borough flow. However, an alternate computation has been developed to more accurately depict Rockaway Borough flows given the magnitude of the Borough flows compared to the various Interceptor Meter flows. The following adjustments must be made to flow from M:RB to obtain the appropriate flow for Rockaway Borough:

1. Deduct flow at M:D1, M:Howmet, M:R3, M:VG, M:RT7, M:RT4, M:RT5, and M:DV2.
2. Deduct flow from Rockaway Township inhabitants residing in the area tributary to the Rockaway Borough system at Stephen Place (See Item 8 - Rockaway Township, RT-RB-1):  
**- 87 units**
3. Deduct flow from Rockaway Township tributary to Rockaway Borough meter M:RB (See Item 10 - Rockaway Township, RT-RB-2):  
**- 81 units**
4. Add flow from Rockaway Borough residents in the area tributary to Denville sewer system on Woodstone Drive (RB-DV-1):  
  
11 Single Family Homes **+ 11 units**  
**Subtotal Units (RB-DV-1) + 11 units**
5. Deduct flow from nine (9) homes and Morris Knolls High School off Franklin Road, (DV-RB-1):
  - a. 9 Single Family Homes **- 9 units**
  - \*\*b. Morris Knolls High School  
EU =  $\frac{7,747 \text{ GPD}}{250 \text{ GPD}}$  **- 31 units**
  - c. Prince of Peace Lutheran Church **- 1 unit****Subtotal Units (DV-RB-1) - 41 units**
6. Add flow from Rockaway Borough residents in the area tributary to Rockaway Township sewer system on Swedes Mine Road (See Item 7 - Rockaway Township, (RB-RT-1):  
**+ 85 units**
7. Add flow from Rockaway Borough residents in the area tributary to meter M:RT2 (See Item 7 - Rockaway Township, (RB-RT-2):  
**+ 2 units**
8. Add flow from Rockaway Borough residents in the area tributary to meter M:RT4 (See Item 9 - Rockaway Township, (RB-RT-3):  
**+ 3 units**

**NET UNIT ADJUSTMENT = (-82, -81, +11, -41, +85, +2, +3) = -103 units**

ROCKAWAY BOROUGH: Flow = M:RB - (M:D1+M:Howmet+M:R3+M:VG+M:RT7+M:RT4+M:RT5+ M:DV2) - (103 EU)

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**DENVILLE TOWNSHIP:**

The RVRSA interceptor sewer meter at the boundary line between Boonton Township and the Town of Boonton is designated as M:BT1 and is used in the computation of the flow for Denville. The following adjustments must be made to flow from M:BT1 to obtain the appropriate flow for Denville:

1. Deduct flow at M:RB.
  2. Deduct flow from Rockaway Borough residents tributary to the Denville sewer system on Woodstone Drive: (See Item 4 - Rockaway Borough, RB-DV-1):
    - a. 11 Single Family Homes - 11 units
  3. Add flow from Denville residents in the area tributary to M:DV2 located at the pumping station on Hogan Road.
  4. Add flow from Denville residents in the area tributary to M:DB located at the Den Brook Pumping Station on Mount Pleasant Turnpike.
  5. Deduct flow from Randolph residents in the area tributary to M:DB at Den Brook Pump Station. (Millbrook Avenue, Lawrence Road, Shongum Road, David Drive, Nathan Drive, Arnold Drive, Heather Lane, etc., R-DV-1). This area was substantially expanded in October 2002 when the Den Brook Interceptor Pumping Station was placed into service.
    - a. 180 Single Family Homes - 180 units
    - b. 470 Millbrook Avenue  
Apple Montessori School  
School with Cafeteria 15 GPD/seat x 141 seats = 2115 GPD  
EU =  $\frac{2115 \text{ GPD}}{250 \text{ GPD}}$  = - 9 units
    - c. 49 Shongum Road  
Kalina Norman G Attorney  
Office 0.1 GPD/sf x 2134 sf = 213.4 GPD  
EU =  $\frac{213.4 \text{ GPD}}{250 \text{ GPD}}$  = - 1 units
    - c. 502 Millbrook Avenue  
Randolph Municipal Building  
Office 0.1 GPD/sf x 38398 seats = 3839.8 GPD  
EU =  $\frac{3839.8 \text{ GPD}}{250 \text{ GPD}}$  = - 15 units
- Subtotal Units (R-DV-1) - 205 units**
6. Add flow from Denville residents in the area tributary to M:R3 at Dover Rockaway Road.

Poulos Berkshire Townhouses and 5 SF homes on Palmer Road, DV-R-2.

- a. Townhouses on Lot 20 of Block 20901
  - 146 two bedroom @ 131 GPD/Unit = 19,126 GPD
  - 274 three bedroom @ 183 GPD/Unit = 50,142 GPD
  - EU = (19,126 + 50,142) = 69,268 GPD = + 277 units  
250 GPD
- b. 5 Single Family Homes + 5 units
- Subtotal Units (DV-R-2) + 282 units

7. Add flow from Denville residents and Morris Knolls High School tributary to meter M:RB (See Item 5-Rockaway Borough, DV-RB-1): + 41 units

8. The unmetered flow from Randolph residents on Mountainside Drive and Heather Lane which were previously tributary to the Den Brook Interceptor downstream of meter M:R1, (R-DV-1), and which resulted in an equivalent dwelling unit subtotal of 36 units was eliminated when the Den Brook Interceptor Pumping Station was placed into service and the use of meter M:R-1 was eliminated from the RVRSA User Charge System. The flow from this area is now metered at the Den Brook Pump station meter M:DB. 0 units

9. The flow from Boonton Township residents connected to the RVRSA interceptor sewer and the Tourne Road sewer, and the Victoria Mews Townhouses on North Main Street, must be deducted from the flow measured at meter M:BT1 to calculate Denville's flow (See Items 2 and 3 – Boonton Township). - 96 units

**NET UNIT ADJUSTMENT = (-11, -205, +282, +41, -96) = +11 units**

DENVILLE: Flow = M:BT1 + M:DV2 + M:DB – M:RB + (11 EU)



**RANDOLPH TOWNSHIP:**

The RVRSA interceptor sewer does not pass through Randolph Township. Consequently, all sewage from Randolph Township must flow through other communities before entering the interceptor. To determine the quantity of sewage contributed by Randolph Township several sources must be combined:

1. Add flow at M:R2 and M:R3.
2. Add flow from Randolph residents which are tributary to M:DB (See Item 5 - Denville Section, R-DV-1): **+ 205 units**
3. Deduct flow from Denville residents which are tributary to M:R3 (see Item 5 – Denville section, DV-R-2): **- 282 units**
4. Deduct flow from Dover inhabitants residing upstream of M:R2 (See Item 3 - Dover Section, D-R-1): **- 103 units**
5. Deduct flow from Dover residents on Park Heights Road upstream of M:R2 (See Item 4 - Dover Section, D-R-2): **- 25 units**
6. Add flow from Randolph inhabitants residing in the area tributary to Dover sewer system at Woodland Road (See Item 5 - Dover Section, R-D-1): **+ 261 units**
7. Add flow from Randolph residents in the area tributary to Dover sewer system at South Salem Street and Harding Ave (See Item 6 - Dover Section, R-D-2): **+ 101 units**
8. Add flow from Randolph residents in the area tributary to Dover sewer system at Kaye Place and Brook Drive (See Item 13 - Dover Section, R-D-3): **+ 5 units**
9. Add unmetered Randolph flow from Crystal Street and Marble Lane residents (See Item 13 - Dover Section, R-D-4): **+ 12 units**

**NET UNIT ADJUSTMENT = (+205, -282, -103, -25, +261, +101, +5, +12) = +174 units**

RANDOLPH TOWNSHIP: Flow = M:R3 + M:R2 – M:DB – (M:MH1 +M:MH2 +M:MH3 +M:MH4) – (Mine Hill Un Metered Flow) + (174 EU)

NOTE:

(2) In 2016, four (4) flow meters were installed in Mine Hill Township sewers to capture Mine Hill

Township sewer flow upstream of the Jackson Brook Interceptor where its alignment passes through Mine Hill. These meters capture the Mine Hill Township sewer flow with exception of numerous residential units. The Mine Hill unmetered flow is calculated in accordance with Schedule "C" from Killam Associates October 1998 User Charge Report and NJAC 7:14a-23.3 Projected Flow Criteria.

(3) Mine Hill Township's unmetered flow is broken down in Appendix F, current as of May 14, 2021.

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**BOONTON TOWNSHIP:**

The RVRSA interceptor sewer passes through a portion of Boonton Township. To obtain the appropriate flow for Boonton Township, combine the following sources:

1. Add flow at M:BT-2 on sewer through Riverside Hospital property.
2. Add flow from connections to the RVRSA interceptor sewer in Boonton Township tributary to M:BT-1 (Township of Boonton Trunkline Area, BT-1).
  - a. 38 Single Family Homes + 38 units
  - b. 1 Four Family Home + 4 units
  - \*\*c. Boonton Twp. Fire House + 1 unit
  - \*\*d. Ultra Punch and Die Corp.  
EU =  $\frac{440 \text{ GPD}}{250 \text{ GPD}}$  = + 2 units

**Subtotal Units + 45 units**
3. Add flow from home tributary to Town of Boonton at Hillside Avenue, (BT-B-2):
  - a. 7 Single Family Homes + 7 unit
  - b. Victoria Mews Assisted Living on Lot 1.02 of Block 40501  
EU = 108 beds @ 100 GPD/Bed =  $\frac{10,800 \text{ GPD}}{250 \text{ GPD}}$  = + 44 units

**Subtotal Units + 51 units**

**NET UNIT ADJUSTMENT = (+45, +51) = +96 units**

**BOONTON TOWNSHIP: Flow = M:BT2 + (96 EU).**

**TOWN OF BOONTON**

The meter on the Old Jersey City Trunk Sewer used as a collector sewer for the Town of Boonton is designated M:B. The following adjustments must be made to obtain the appropriate flow for Town of Boonton:

1. Deduct flow at M:BT-2.
  2. Deduct flow from Boonton Township residents in the area tributary to the Town of Boonton sewer system at Hillside Avenue (See Item 3 – Boonton Township Section, BT-B-2);  
**- 51 units**
  3. Add the flow from the Town of Boonton properties tributary to the RVRSA interceptor at the intersection of North Main Street and Hillside Avenue, (B-STP-1).
    - a. 32 Single Family Homes + 32 units
    - b. 63 Two-Family Homes + 126 units
    - c. 28 One Bedroom Condos (28 @ 127gpd)  
(3,556 GPD/250EU) + 15 units
- Subtotal Units + 173 units**

**NET UNIT ADJUSTMENT = (-51, +173) = 122 units**  
BOONTON: Flow = M:B – M:BT2 + (122 EU)

**APPENDIX F  
MINE HILL UNMETERED AREAS**

**MINE HILL:**

The Township of Mine Hill is a customer of RVRSA and pays for regional collection and treatment of sewage up to a maximum 133,827 gallons per day. Randolph Township provides the local collection facilities with its Jackson Brook Interceptor which is aligned through Mine Hill. Randolph Township individually bills Mine Hill residents that have connected to the Jackson Brook Interceptor as its customers.

As of 2016, four flow metering locations were established in Mine Hill to directly meter flow tributary to RVRSA via Randolph. Schedule A of this UCS identifies the current UCS formula accounting for the establishment and use of these meters. Schedule B of this UCS identifies the names and locations of the meters. As of May 2021, there are 119 properties considered unmetered in Mine Hill. The contributory flow from these properties is calculated using Schedule C of this UCS. The total Mine Hill unmetered flow is then divided by 250 to compute the equivalent units (EU's). Refer to Page F-2 of this Appendix F for the list of current connections.

**RVRSa USER CHARGE SYSTEM  
MINE HILL CONNECTIONS (5/14/2021)**

<b>Property Address</b>	<b>Block</b>	<b>Lot</b>	<b>Issued Flow (GPD)</b>
93 RANDOLPH AVE	1303	49	225
16 XENIA COURT	1405	10	225
2 XENIA COURT	1405	3	225
4 XENIA COURT	1405	4	225
6 XENIA COURT	1405	5	225
8 XENIA COURT	1405	6	225
10 XENIA COURT	1405	7	225
12 XENIA CT	1405	8	225
14 XENIA COURT	1405	9	225
9 XENIA COURT	1406	11	225
7 XENIA CT	1406	12	225
5 XENIA COURT	1406	13	225
3 XENIA COURT	1406	14	225
215 RANDOLPH AVE	1406	15	225
217 RANDOLPH AVE	1406	16	225
153A RANDOLPH AVE	1407	1	225
11 XENIA COURT	1407	1.01	225
12 JAMES ST	1407	10	225
14 JAMES ST	1407	11	225
9 JAMES ST	1407	12	225
7 JAMES ST	1407	13	225
5 JAMES ST	1407	14	225
3 JAMES ST	1407	15	225
1 JAMES ST	1407	16	225
193 RANDOLPH AVE	1407	17	225
191 RANDOLPH AVE	1407	18	225
181 RANDOLPH AVE	1407	19	225
153 RANDOLPH AVE	1407	2	225
177 RANDOLPH AVE	1407	21	225
175 RANDOLPH AVE	1407	22	225
RANDOLPH AVE	1407	23	225
151 A RANDOLPH AVE	1407	3	225
149 RANDOLPH AVE	1407	4	225
2 JAMES ST	1407	5	225
4 JAMES ST	1407	6	225
6 JAMES STREET	1407	7	225
8 JAMES ST	1407	8	225
10 JAMES ST	1407	9	225
40 Thomastown Road	1505	2	225

Property Address	Block	Lot	Issued Flow (GPD)
209 HURD STREET	1705	10	225
207 HURD STREER	1705	11	225
195 HURD ST	1705	15	225
211 HURD STREET	1705	9	225
228 HURD ST	1706	1	225
224 HURD ST	1706	2	225
218 HURD ST	1706	2.01	225
216 HURD ST	1706	3	275
212 HURD ST	1706	4	225
206 HURD STREET	1706	5	275
196 HURD ST	1706	6	225
200 HURD STREET	1706	7	225
188 HURD ST	1706	8	225
223 HURD ST	1707	1.01	225
239 HURD STREET	1707	10	275
9 Indian Falls Road	1707	11	225
78 RANDOLPH AVE	1707	16	225
108 Randolph Ave	1707	23	225
110 Randolph Ave	1707	23	225
3 Indian Falls Road	1707	25	225
4 JASON COURT	1707	5	275
2 JASON COURT	1707	5.01	275
6 JASON COURT	1707	5.02	275
7 JASON COURT	1707	5.03	275
5 JASON COURT	1707	5.04	275
3 JASON COURT	1707	5.05	275
1 JASON COURT	1707	5.06	275
237 HURD ST	1707	6	225
15 Indian Falls Road	1707	8	225
13 Indian Falls Road	1707	9	225
200 WEST RANDOLPH AVE	1801	1.01	275
202 WEST RANDOLPH AVE	1801	1.02	225
198 W RANDOLPH AVE	1801	1.03	225
400-1 E RANDOLPH AVE	1802	1	131
400-2 E RANDOLPH AVE	1802	1	131
400-3 E RANDOLPH AVE	1802	1	131
400-4 E RANDOLPH AVE	1802	1	131
400-71 E RANDOLPH AVE	1802	1	131
400-72 E RANDOLPH AVE	1802	1	131
400-73 E RANDOLPH AVE	1802	1	131
400-74 E RANDOLPH AVE	1802	1	131
400-75 E RANDOLPH AVE	1802	1	131

Property Address	Block	Lot	Issued Flow (GPD)
400-76 E RANDOLPH AVE	1802	1	131
304 E RANDOLPH AVE	1802	2	225
302 E RANDOLPH AVE	1802	2	225
300 W. RANDOLPH AVE	1802	3	225
6 Indian Falls Road	1803	11	225
8 Indian Falls Road	1803	12	225
10 Indian Falls Road	1803	13	225
12 Indian Falls Road	1803	14	225
14 Indian Falls Road	1803	15	225
79 COLLIGAN LANE	1804	1	225
75 COLLIGAN LANE	1804	1.01	225
73 COLLIGAN LANE	1804	2	225
71 COLLIGAN LANE	1804	4	225
30 INDIAN FALLS RD	1804	5	225
176 RANDOLPH AVE	1806	4.01	275
178 RANDOLPH AVE	1806	4.02	275
389 E RANDOLPH AVE	1806	4.03	275
385 E RANDOLPH AVE	1806	4.04	275
381 E RANDOLPH AVE	1806	4.05	275
106 HURD ST	2004	1	225
126 HURD STREET	2004	2	225
122 HURD ST	2004	3	225
130 HURD STREET	2004	4	275
70 HURD STREET	2005	1	225
82 HURD ST	2005	10	225
88 HURD ST	2005	11	225
76 HURD STREET	2005	21	225
74 HURD ST	2005	22	225
16 FORD ST	2006	3.01	225
1 OAK STREET	2007	5	225
96 HURD ST	2101	2	225
168 HURD ST	2102	10	225
136 HURD STREET	2102	3	225
140 HURD ST	2102	5	225
144 HURD ST	2102	6	225
146 HURD ST	2102	7	225
150 HURD ST	2102	8	225
143 HURD ST	2103	3	225
<b>Total (119 Properties)</b>			<b>26,685</b>





# TOWN OF DOVER MAYOR & BOARD OF ALDERMEN

## RESOLUTION NO. 258-2021 BILL LIST RESOLUTION

**WHEREAS**, the Mayor and Board of Aldermen of the Town of Dover have examined all bills presented for payment; and

**WHEREAS**, the Chief Financial Officer has certified that there are sufficient funds in the account(s) to which respective bills have been charged.

**NOW, THEREFORE, BE IT RESOLVED** that the Mayor and Board of Aldermen of the Town of Dover do hereby approve the bills as listed; and

**BE IT FURTHER RESOLVED** that the proper officials are hereby authorized to sign the checks for payment of same.

CURRENT APPROPRIATIONS RESERVE ACCT claims in the amount of:	\$900.00
CURRENT APPROPRIATIONS ACCT claims in the amount of:	\$763,374.12
GENERAL CAPITAL ACCT claims in the amount of:	\$150,484.50
WATER UTILITY RESERVE ACCT claims in the amount of:	\$0.00
WATER UTILITY ACCT claims in the amount of:	\$4,562.35
WATER CAPITAL ACCT claims in the amount of:	\$0.00
PARKING UTILITY RESERVE ACCT claims in the amount of:	\$0.00
PARKING UTILITY ACCT claims in the amount of:	\$4,673.14
PARKING CAPITAL ACCT claims in the amount of:	\$0.00
ANIMAL CONTROL TRUST ACCT claims in the amount of:	\$0.00
EVIDENCE TRUST ACCT claims in the amount of:	\$0.00
RECYCLING TRUST ACCT claims in the amount of:	\$552.00
COUNTY FORFEITED ASSETS TRUST ACCT claims in the amount of:	\$0.00
FEDERAL FORFEITED ASSETS ACCT claims in the amount of:	\$0.00
TRUST/OTHER ACCT claims in the amount of:	\$14,545.50
UNEMPLOYMENT TRUST ACCT claims in the amount of:	\$0.00
<b>TOTAL CLAIMS TO BE PAID</b>	<b>\$939,091.61</b>

**BE IT FURTHER RESOLVED** that the following claims have been paid prior to the Bill List Resolution in the following amounts:

TRUST/OTHER ACCT claims in the amount of:	\$0.00
CURRENT APPROPRIATIONS ACCT claims in the amount of:	\$0.00
GENERAL CAPITAL ACCT claims in the amount of:	\$0.00
WATER UTILITY OPERATING claims in the amount of:	\$558.78
<b>TOTAL CLAIMS PAID</b>	<b>\$558.78</b>

**TOTAL BILL LIST RESOLUTION** **\$939,650.39**

ATTEST:

TOWN OF DOVER, COUNTY OF MORRIS

\_\_\_\_\_  
John P. Schmidt, Acting Municipal Clerk

\_\_\_\_\_  
Carolyn Blackman, Mayor

ADOPTED: 12/7/2021



# TOWN OF DOVER MAYOR & BOARD OF ALDERMEN

RESOLUTION NO. 259-2021

## RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE TOWN OF DOVER, COUNTY OF MORRIS, STATE OF NEW JERSEY AUTHORIZING A REFUND TO COCOCARE PRODUCTS INC. FOR A WATER OVERPAYMENT

**WHEREAS**, the Town of Dover was notified of a water overpayment by Cococare Products, Inc. on water account #102950-0, 85 Franklin Road, Unit 2, Block V0001, Lot 1.02, in the amount of \$1,093.93; and

**WHEREAS**, the Dover Water Commission has recommended a refund to Cococare Products, Inc. for said overpayment; and

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Board of Aldermen of the Town of Dover, County of Morris and State of New Jersey that a refunding in the amount of \$1,093.93 is authorized to be made to Cococare Products, Inc., P.O. Box 311, Dover, New Jersey 07801 for an overpayment of water account #101950-0, 85 Franklin Road, Unit 2, Block V0001, Lot 1.02.

**ATTEST:**

**TOWN OF DOVER**

\_\_\_\_\_  
John P. Schmidt, Acting Municipal Clerk

\_\_\_\_\_  
Carolyn Blackman, Mayor

**ADOPTED:** \_\_\_\_\_

### CERTIFICATION

I, John P. Schmidt, Acting Municipal Clerk of the Town of Dover in the County of Morris, State of New Jersey, do hereby Certify that the foregoing Resolution is a true copy of the Original Resolution duly passed and adopted by the Mayor and Board of Aldermen of the Town of Dover at its meeting on December 7, 2021.

\_\_\_\_\_  
John P. Schmidt  
Acting Municipal Clerk

# TOWN OF DOVER

## WATER COMMISSION

COUNTY OF MORRIS  
100 PRINCETON AVENUE  
DOVER, NEW JERSEY 07801  
Telephone: (973) 366-2200 EXT. 2125



*Carolyn Blackman – Mayor*  
*Robert Kinsey- Superintendent*

*John O. Bennett, Business Administrator*

*Resolution offered by Commissioner - President Andrew Du Jack*  
*Resolution offered by Commissioner- Commissioner Aldo Cicchetti*  
*Resolution offered by Commissioner- Commissioner Gene Secola*

### RESOLUTION NO. 2021-20

### RESOLUTION RECOMMENDING REFUND OF WATER OVERPAYMENT

**WHEREAS**, *N.J.S.A.* 40:141-1(1) provides for the establishment and continuance of a Board of Water Commissioners as an entity, separate and apart from the governing body of the municipality; and

**WHEREAS**, Cococare Products, Inc., the owner of 85 Franklin Road, Unit 2A, Block V0001, Lot 1.02, Account #102950-0, has advised there was an overpayment of their water account; and

**WHEREAS**, based upon a review by the Commission, the Commissioners have determined that a refund is in order.

**NOW, THEREFORE, BE IT RESOLVED**, that the Dover Water Commissioners suggest and recommend that the owner of Account #102950-0, Cococare Products, Inc., PO Box 311, Dover, NJ 07801, be refunded \$1,093.93 overpayment of their water bill.

**BE IT FURTHER RESLOVED**, a copy of this Resolution shall be sent to the Town of Dover Administrator.

Adopted November 9, 2021

  
\_\_\_\_\_  
Frances Maenza  
Town of Dover Water Commission

  
\_\_\_\_\_  
Andrew Du Jack, President  
Town of Dover Water Commission

Commissioner	AYE	Nay	N.V.	A.B.
Cicchetti				
Secola				
Du Jack				

*X-Indicates Vote*  
*A.B.-Absent*  
*N.V.-Not Voting (Abstained or Excused)*



# TOWN OF DOVER MAYOR & BOARD OF ALDERMEN

## RESOLUTION NO. 260-2021

### RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE TOWN OF DOVER, COUNTY OF MORRIS, STATE OF NEW JERSEY APPROVING CHAPTER 159 REGARDING 2021 DRIVE SOBER OR GET PULLED OVER AWARD

**WHEREAS**, N.J.S. 40A: 4-87 provides that the Director of the Division of Local Government Services may approve the insertion of any special item of revenue in the budget of any county or municipality when such item shall have been made by law and the amount thereof was not determined at the time of adoption of the budget, and

**WHEREAS**, said Director may also approve the insertion of any item of appropriation for equal amount,

**NOW, THEREFORE, BE IT RESOLVED** that the Town of Dover hereby requests the Director of the Division of Local Government Services to approve the insertion of an item of revenue in the budget of the year 2021 in the sum of \$6,000.00; which item is now available as revenue from the National Highway Traffic Safety Administration 2021 Drive Sober or Get Pulled Over Year End Holiday Crackdown, and

**BE IT FURTHER RESOLVED** that a like sum of \$6,000.00 be and the same is hereby appropriated under the caption of:

**Public and Private Programs Offset by Revenues**

**ATTEST:**

\_\_\_\_\_  
John P. Schmidt, Acting Municipal Clerk

**TOWN OF DOVER**

\_\_\_\_\_  
Carolyn Blackman, Mayor

**ADOPTED:** \_\_\_\_\_

### CERTIFICATION

I, John P. Schmidt, Acting Municipal Clerk of the Town of Dover in the County of Morris, State of New Jersey, do hereby Certify that the foregoing Resolution is a true copy of the Original Resolution duly passed and adopted by the Mayor and Board of Aldermen of the Town of Dover at its meeting on December 7, 2021.

\_\_\_\_\_  
John P. Schmidt  
Acting Municipal Clerk



# TOWN OF DOVER MAYOR & BOARD OF ALDERMEN

## RESOLUTION NO. 261-2021

### RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE TOWN OF DOVER, COUNTY OF MORRIS, STATE OF NEW JERSEY AMENDING RESOLUTION NO. 254-2021 APPROVING CHAPTER 159 FOR GOVERNOR'S COUNCIL ON ALCOHOLISM AND DRUG ABUSE

**WHEREAS**, N.J.S. 40A: 4-87 provides that the Director of the Division of Local Government Services may approve the insertion of any special item of revenue in the budget of any county or municipality when such item shall have been made by law and the amount thereof was not determined at the time of adoption of the budget, and

**WHEREAS**, said Director may also approve the insertion of any item of appropriation for equal amount, and

**WHEREAS**, the Finance Department has advised there is a need to amend Resolution 254-2021 concerning the amount because of an increase in funds; and

**NOW, THEREFORE, BE IT RESOLVED** that the Town of Dover hereby amends Resolution No. 254-2021 and requests the Director of the Division of Local Government Services to approve the insertion of an item of revenue in the budget of the year 2021 in the sum of \$7,755.00; which item is now available as revenue from the Governor's Council on Alcoholism and Drug Abuse; and

**BE IT FURTHER RESOLVED** that the Town of Dover hereby amends Resolution No. 254-2021 that a like sum of \$7,755.00 is hereby appropriated under the caption of:

**Public and Private Programs Offset by Revenues**

**BE IT FURTHER RESOLVED** that the Town of Dover hereby amends Resolution No. 254-2021 that the sum of \$1,938.75 representing the amount required for the municipality's share of the aforementioned undertaking appears in the 2021 budget appropriated under the caption of:

**Administration OE**

ATTEST:

TOWN OF DOVER, COUNTY OF MORRIS

\_\_\_\_\_  
John P. Schmidt, Acting Municipal Clerk

\_\_\_\_\_  
Carolyn Blackman, Mayor

ADOPTED: \_\_\_\_\_

**CERTIFICATION**

I, John P. Schmidt, Acting Municipal Clerk of the Town of Dover in the County of Morris, State of New Jersey, do hereby Certify that the foregoing Resolution is a true copy of the Original Resolution duly passed and adopted by the Mayor and Board of Aldermen of the Town of Dover at its meeting on November 23, 2021.

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John P. Schmidt  
Acting Municipal Clerk

DRAFT



# TOWN OF DOVER MAYOR & BOARD OF ALDERMEN

## RESOLUTION 262-2021

### A RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE TOWN OF DOVER, IN THE COUNTY OF MORRIS, STATE OF NEW JERSEY, AUTHORIZING DISPOSAL OF PORTABLE RADIOS TO N.J.S.A. 40A:11-36

**WHEREAS**, the below listed radios are no longer useful for the day-to-day operations; and;

**WHEREAS**, the Town of Dover desires to dispose of these radios, which is permitted pursuant to *N.J.S.A.* 40A:11-36 within the Local Public Contracts Law, which permits the disposition of personal property no longer needed for public use; and

**NOW, THEREFORE BE IT RESOLVED**, by the Mayor and Board of Aldermen of the Town of Dover, County of Morris, and State of New Jersey, that it does hereby authorize and direct the disposal of the said fowling radios insuch manner as is reasonably necessary, consistent with the authority granted pursuant to *N.J.S.A.* 40A:11-36 to dispose of personal property no longer needed for public use. All necessary Town personnel are hereby directed to do all things necessary to effectuate the disposition of the radios as aforesaid.

Fire Department Portable Radios Motorola APX6000XE Serial Numbers

756CSM1475	756CSM1485	756CSM1495	756CSM1505
756CSM1476	756CSM1486	756CSM1496	756CSM1506
756CSM1477	756CSM1487	756CSM1497	756CSM1507
756CSM1478	756CSM1488	756CSM1498	756CSM1508
756CSM1479	756CSM1489	756CSM1499	
756CSM1480	756CSM1490	756CSM1500	
756CSM1481	756CSM1491	756CSM1501	
756CSM1482	756CSM1492	756CSM1502	
756CSM1483	756CSM1493	756CSM1503	
756CSM1484	756CSM1494	756CSM1504	

ATTEST:

\_\_\_\_\_  
John P. Schmidt, Acting Municipal Clerk

TOWN OF DOVER, COUNTY OF MORRIS

\_\_\_\_\_  
Carolyn Blackman, Mayor

**ADOPTED:** \_\_\_\_\_

### CERTIFICATION

I, John P. Schmidt, Acting Municipal Clerk of the Town of Dover in the County of Morris, State of New Jersey, do hereby Certify that the foregoing Resolution is a true copy of the Original Resolution duly passed and adopted by the Mayor and Board of Aldermen of the Town of Dover at its meeting on December 7, 2021.

\_\_\_\_\_  
John P. Schmidt  
Acting Municipal Clerk