

# DUTCHESS COUNTY



## DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY

WEDNESDAY, June 15, 2016

3:30 P.M.

27 High St. 2<sup>nd</sup> Floor  
Poughkeepsie  
New York, 12601  
(845) 486-3601  
Fax (845) 486-3610  
dcwwa@dutchessny.gov  
www.DCWWA.org

### DRAFT AGENDA

#### Authority Board Members

**Thomas LeGrand**  
Chairperson

**Vincent DiMaso**  
Vice-Chairperson

**Rudy Vavra**  
Treasurer

**Lawrence R. Knapp**  
Secretary

**Michael Cotton**

#### Ex officio Members

**Brian Scoralick**  
Acting Executive Director  
Soil and Water Conservation District

**Eoin Wrafter**  
Commissioner  
D.C. Dept. of Planning & Development

#### Staff

**Bridget Barclay**  
Executive Director

**Mary C. Morris**  
Deputy Director

1. Meeting Open – Introductions
2. Public Comment
3. Approval of Minutes
  - May 18, 2016 Board Meeting (R2016.06.A)
4. Chairman’s Report
5. Operations Report
  - Global Foundries Assignment Request
6. Finance Report
  - Approval of Warrant (R2016.06.B)
  - Bonding Resolution – VDS and CCS Long Term bonds (R2016.06.C)
7. Capital Projects
  - Award SHW Distribution System Construction Contract (R2016.06.D)
  - Award VDS - WWTP Rehabilitation Project General Construction Contract (R2016.06.E)
  - Award VDS - WWTP Rehabilitation Project Electrical Construction Contract (R2016.06.F)
  - Award VDS - WWTP Rehabilitation Project Plumbing Construction Contract (R2016.06.G)
  - Authorize Amendment #1 – GFS Engineering Design Agreement (R2016.06.H)
  - Award Hyde Park WTF Instrumentation and Control Phase 1 Engineering Design Agreement (R2016.06.I)
8. Community Projects
  - SHW Project Status
9. Open Executive Session regarding proposed acquisition of real property (R2016.06.J)
10. Close Executive Session (R2016.06.K)
11. Approval of Confidentiality Agreement (R2016.06.L)

12. Set next meeting date to award SHW Treatment System Project bids- Week of June 27, 2016
13. Confirm next Board Meeting date - Wednesday, July 20, 2016
14. Adjourn

Meeting will be held at 27 High Street – 2nd Floor Conference Room  
Members please call Lisa (475-3515) ASAP if you cannot attend

**DUTCHESS COUNTY**



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**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY  
UNAPPROVED MINUTES OF MAY 20, 2016**

Authority Board Members

**Thomas LeGrand**  
Chairperson

**Vincent DiMaso**  
Vice-Chairperson

**Rudy Vavra**  
Treasurer

**Lawrence R. Knapp**  
Secretary

**Michael Cotton**

Ex officio Members

Brian Scoralick  
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Soil and Water Conservation District

Eoin Wrafter  
Commissioner  
D.C. Dept. of Planning & Development

Staff

Bridget Barclay  
Executive Director

Mary C. Morris  
Deputy Director

**Board Members Present**

Tom LeGrand  
Vince DiMaso  
Rudy Vavra  
Larry Knapp  
Mike Cotton

**Staff Present**

Bridget Barclay  
Jackie Burger  
Peter Fadden  
Ed Mills  
Mary Morris  
Doug Odell

**Board Member Absent**

Vince DiMaso

**Ex-Officio Member**

Eoin Wrafter – Commissioner, Dutchess County Planning  
and Development

**Others Present**

Don Sagliano – Legislative Liaison  
Chris Owen – Dutchess County Attorney's Office

**Meeting Open**

Tom LeGrand opened the meeting at 3:30 p.m. and asked for any public comment. There were no members of the public present.

**Approval of Board Meeting Minutes**

Tom requested a motion to approve the minutes of the May 18, 2016 board meeting. The motion was made by Rudy, seconded by Vince; voted on and passed unanimously. (Res. 2016.05.A/01)

### **Chairman's Report**

Tom said we are looking into the purchase of the joint water facility which will benefit the County long term.

### **Operations Report**

The operations report was included in the package.

### **Global Foundries Assignment Request**

Bridget advised the Board that Global Foundries is requesting that its water sale agreement be assigned to the Town of East Fishkill. Global Foundries is making this request as part of the ongoing subdivision of its property into multiple lots. Global Foundries does not want to be in the business of selling water to the other properties. There was discussion of the issues surrounding the assignment request. Tom indicated he wanted the Authority, not the Town of East Fishkill, to be entity to distribute the water. Bridget responded that she would advise Global Foundries and the County about the Board's position.

### **Finance Report – Approval of Warrant**

Vince made a motion to accept the warrant as presented. The motion was seconded by Larry voted on and passed unanimously. (Res. 2016.05.B/02)

### **Capital Projects – HPR and CDWTL Building Exterior Maintenance – Contract Award**

Rudy made a motion that the Executive Director or Deputy Director is authorized to execute a contract with PCC Contracting, Inc., Schenectady, NY, in the amount of \$157,200.00 for the HPR & CDWTL Pump Station Buildings' Repair & Maintenance Project Contract No. PWC-G-2016-01 and to execute a Notice to Proceed upon receipt of executed contracts, bonds and certificates of insurance from PCC Contracting, Inc., Schenectady, NY. This was seconded by Larry and passed unanimously. (Res. 2016.05.C/03)

### **Award Engineering Services Contract for GFS WWTP Rehabilitation Project**

Rudy made a motion that the Executive Director or Deputy Director is authorized to execute Amendment No. 1 to the Professional Services Agreement with Swartz Architecture, DPC for the Professional Architectural Design Services for the HPR & CDWTL Pump Station Buildings Repair & Maintenance Project in the not-to-exceed amount of \$6,394.00 to increase the total agreement price for an amount not to exceed from \$33,210.00 to \$39,604.00. This was seconded by Larry and passed unanimously. (Res. 2016.05.D/04)

### **Community Projects – Shore Haven Water Project Status**

Bridget advised the Board that the bid documents are out for the distribution system work. We are now out to bid for the treatment system. System water quality continues to be good.

### **Hoffman (Red Hook Acres) Water and Sewer**

Bridget said there is an update on this project in the Community Projects memo. We have not been able to negotiate an agreement to purchase water from the Village of Red Hook and the project sponsor is now looking into developing a well on the site.

### **Beekman Elementary School Water Line**

Bridget said Arlington Central School District approached the Authority in the past regarding establishing a connection between the Beekman Elementary School and the Dalton Farms Water System due to high chloride levels in the water at the school. They initially wanted to do the design and construction of the inter-connection themselves. They now prefer that Authority constructs the water line on their behalf and they will fund it.

### **Vanderburgh Cove Sewer Acquisition**

Bridget said an update was included in the Community Projects memo. Everything is in place for the transfer of ownership. The Legislature has established a Part-County sewer district. We have an approved service agreement between the Authority and the County and a transfer agreement with the municipalities. There is an outstanding loan for the upgrades made to the treatment plant which Environmental Facilities Corporation (EFC) will transfer to the Authority.

### **Executive Session – Litigation and Property Acquisition**

Tom asked for a motion to enter into executive session. Rudy made the motion. This was seconded by Larry and passed unanimously. (Res. 2016.05.E/05)

### **Executive Session**

At 4:25pm Larry made a motion to close executive session. This was seconded by Rudy and passed unanimously. (Res. 2016.05.F/06)

### **Shore Haven Water – Easements for Improvements to the Shore Haven Water Distribution System**

Rudy made a motion to authorize final offers and condemnation proceedings for temporary and perpetual easements necessary to make improvements to the Shore Haven Water Distribution System. This was seconded by Larry and passed unanimously. (Res. 2016.05.G/07)

### **Public Comment**

Tom asked for any public comment. There were no comments.

### **Confirm next meeting date**

Tom confirmed the next meeting date of June 15, 2016 at 3:30pm.

### **Motion to adjourn**

At 4:30pm Tom asked for a motion to adjourn; Rudy made the motion: seconded by Larry and passed unanimously. (Res. 2016.05.H/08)

Respectfully submitted,



Jackie Burger  
Senior Typist

**Resolutions**

- |                   |   |
|-------------------|---|
| Res. 2016.05.A/01 | Motion to approve minutes from the April 20, 2016 board meeting                                       |
| Res. 2016.05.B/02 | Motion to approve the warrant as presented  |
| Res. 2016.05.C/03 | Motion to approve HPR and CDWTL Building Exterior Maintenance Contract Award                          |
| Res. 2016.05.D/04 | Motion to approve Amendment No. 1 to Design Agreement for HPR and CDWTL Building Exterior Maintenance |
| Res. 2016.05.E/05 | Motion to enter into executive session  |
| Res. 2016.04.F/06 | Motion to close executive Session   |
| Res. 2016.04.G/07 | Motion to authorize easements for the Shore Haven Water Distribution System                           |
| Res. 2016.04.H/08 | Motion to adjourn   |

**Resolution Package – Not for Release**

**Summary of Possible Motions for June 15, 2016 DCWWA Meeting:**

The following is a list of motions that will be considered by the Board. Drafts of complete motions and explanatory memos are included in your package. Potential motions will be referenced with letters (A, B, C.....). Each will be assigned a permanent number in sequential order in the board minutes after the meeting.

1. Approval of Minutes – May 18, 2016 Board Meeting (R2016.06.A)
2. Approval of Warrant (R2016.06.B)
3. Bonding Resolution – CCS Long Term bonds (R2016.06.C)
4. Bonding Resolution – VDS Long Term bonds (R2016.06.D)
5. Award SHW Distribution System Construction Contract (R2016.06.E)
6. Award Valley Dale Sewer - WWTP Rehabilitation Project General Construction Contract (R2016.06.F)
7. Award Valley Dale Sewer - WWTP Rehabilitation Project Electrical Construction Contract (R2016.06.G)
8. Award Valley Dale Sewer - WWTP Rehabilitation Project Plumbing Construction Contract (R2016.06.H)
9. Authorize Amendment No. 1 – GFS Engineering Design Agreement (R2016.06.I)
10. Award Hyde Park WTF Instrumentation and Control Phase 1 Engineering Design Agreement (R2016.06.J)
11. Open Executive Session regarding proposed acquisition of real property (R2016.06.K)
12. Close Executive Session (R2016.06.L)
13. Approval of Confidentiality Agreement (R2016.06.M)

**RESOLUTION NO. 2016.06.A**

**Authority Board – DCWWA  
June 15, 2016 meeting**

\_\_\_\_\_ offers the following resolution and moves its adoption:

**APPROVAL OF MINUTES – MAY 18, 2016 BOARD MEETING**

Seconded by \_\_\_\_\_

<b><u>Record of Vote:</u></b>	<b><u>Aye</u></b>	<b><u>Nay</u></b>
Thomas LeGrand	___	___
Vincent DiMaso	___	___
Larry Knapp	___	___
Rudy Vavra	___	___
Michael Cotton	___	___

**RESOLUTION NO. 2016.06.B**

**Authority Board – DCWWA  
June 15, 2016 meeting**

**APPROVAL OF WARRANT**

\_\_\_\_\_ offers the following resolution and moves its adoption:

**Approval of warrant, as presented**

Seconded by \_\_\_\_\_

<b><u>Record of Vote:</u></b>	<b><u>Aye</u></b>	<b><u>Nay</u></b>
Thomas LeGrand	___	___
Vincent DiMaso	___	___
Larry Knapp	___	___
Rudy Vavra	___	___
Michael Cotton	___	___

**RESOLUTION AUTHORIZING THE ISSUANCE AND SALE OF THE AUTHORITY'S  
CHELSEA COVE SEWER SERVICE AGREEMENT REVENUE BONDS, SERIES 2016  
(EFC) AND THE APPROVAL AND EXECUTION OF RELATED DOCUMENTS**

\_\_\_\_\_ offers the following resolution and moves its adoption:

WHEREAS: by Title 6-C of Article 5 of the Public Authorities Law of the State of New York (the "Act"), the Dutchess County Water and Wastewater Authority (the "Authority") was created with the authority and power to issue its revenue bonds for the purpose of, among other things, planning, developing, acquiring, constructing and financing the cost of any project (as defined in the Act) owned or operated by or for the benefit of the Authority in accordance with the Act, and

WHEREAS; the Authority has previously authorized the issuance of up to \$3,100,000 in notes to finance capital improvements to the Chelsea Cove Sewer System and to pay costs of issuance, and

WHEREAS; the Authority issued its Chelsea Cove Sewer Service Agreement Revenue Notes, Series 2014 (EFC) pursuant to the Act in the aggregate principal amount of \$2,019,572 for such purpose, and

WHEREAS; in order to permanently finance such notes and evidence the loan for the remaining costs of such project (including costs of issuance and any reserve funds) the Authority will issue up to \$3,100,000 in bonds (the "Bonds") to the New York State Environmental Facilities Corporation ("EFC") and execute various documents in connection therewith, and

WHEREAS; it is now desired to authorize the issuance of the Bonds to EFC and to approve and authorize the execution of related documents,

THEREFORE BE IT RESOLVED by the Dutchess County Water and Wastewater Authority as follows:

Section 1. The Authority hereby finds and determines:

- (a) By virtue of the Act, the Authority has been vested with all powers necessary and convenient to carry out and effectuate the purposes and provisions of the Act and to exercise all powers granted to it under the Act.
- (b) It is desirable and in the public interest for the Authority to issue and sell the Bonds, pursuant to a certain Fifth Supplemental Indenture to that certain Amended and Restated Trust Indenture dated as of March 1, 2007 by and between the Authority and Manufacturers and Traders Trust Company (the "Trustee"), as Trustee (the "Trust Indenture" and together with the Fifth Supplemental Indenture, the "Indenture") and in accordance

with a Project Finance Agreement to be executed between the Authority and EFC (the "Project Finance Agreement").

Section 2. In consequence of the foregoing, the Authority hereby determines to: (i) issue and sell the Bonds to EFC pursuant to the terms and conditions set forth in the Indenture and Project Finance Agreement; (ii) use the proceeds of the Bonds as previously described; (iii) enter into each agreement hereafter identified in this resolution; and (iv) execute such other documents and take such other action as may be necessary to effectuate the purposes of this resolution.

Section 3. The form and substance of the Fifth Supplemental Indenture (in substantially the form presented to this meeting) are hereby approved.

Section 4. The Authority is hereby authorized to issue, execute, sell and deliver the Bonds to the EFC upon such terms as shall be approved by the Chairman, Vice Chairman, Treasurer or Executive Director and in substantially the form heretofore approved in this Resolution, provided that:

- (a) The Bonds hereby authorized to be issued, executed and delivered shall be issued, executed and delivered at such time as the Chairman, Vice Chairman, Treasurer or Executive Director of the Authority shall determine and shall not be issued until prior approval of the terms and conditions thereof shall have been obtained from the State Comptroller, if necessary
- (b) The Bonds shall be issued solely for the purposes previously described.
- (c) The Bonds and the interest thereon are not and shall never be a debt of the State of New York or any political subdivision thereof other than the Authority, including without limitation Dutchess County, and neither the State of New York nor any political subdivision thereof other than the Authority, including without limitation Dutchess County, shall be liable thereon.

Section 5. (a) The Chairman, Vice Chairman, Treasurer or Executive Director of the Authority are hereby authorized, on behalf of the Authority, to execute and deliver, the Fifth Supplemental Indenture, the Project Finance Agreement and the Bonds, all as described above and the Secretary of the Authority is hereby authorized to affix the seal of the Authority thereto and to attest the same, all in substantially the forms thereof presented to this meeting, with such changes, variations, omissions and insertions as the Chairman, Vice Chairman, Treasurer or Executive Director shall approve. The execution thereof by the Chairman, Vice Chairman, Treasurer or Executive Director shall constitute conclusive evidence of such approval.

- (b) The Chairman, Vice Chairman, Treasurer or Executive Director of the Authority are further hereby authorized, on behalf of the Authority, to

designate any additional Authorized Representatives of the Authority (as used or defined in and pursuant to the Indenture) to execute, on behalf of the Authority, any Financing Documents (hereinafter defined).

Section 6. The members, officers, employees and agents of the Authority are hereby authorized and directed for and in the name and on behalf of the Authority to do all acts and things required or provided for by the provisions of either the Bonds, the Indenture, or the Project Finance Agreement (collectively the "Financing Documents"), and to execute and deliver all such additional certificates, instruments and documents, pay all such fees, charges and expenses and to do all such further acts and things as may be necessary or, in the opinion of the member, officer, employee or agent acting, desirable and proper to effect the purposes of this resolution and to cause compliance by the Authority with all of the terms, covenants and provisions of the Financing Documents.

Section 7. Each of the documents identified in each Section of this resolution is hereby incorporated in this resolution as if set forth at length herein.

Section 8. This resolution shall take effect immediately and the Bonds are hereby ordered to be issued in accordance with this resolution.

At a regular meeting of the Dutchess County Water and Wastewater Authority, held at 27 High Street, Poughkeepsie, New York, at 3:30 o'clock PM, on the 15th day of June, 2016, the following members of the Authority were:

PRESENT:

ABSENT:

ALSO  
PRESENT:

After the meeting had been duly called to order, the Chairman announced that among the purposes of the meeting was to consider and take action on certain matters pertaining to the issuance and sale of the Authority's proposed Chelsea Cove Sewer Service Agreement Revenue Bonds, Series 2016 (EFC).

The following resolution was duly moved, seconded, discussed and adopted with the following members in open session:

AYE

NAY

Thomas LeGrand

Vincent DiMaso

Rudy Vavra

Larry Knapp

Michael Cotton

STATE OF NEW YORK     )  
  )ss.:  
COUNTY OF DUTCHESS    )

I, the undersigned Executive Director of the Dutchess County Water and Wastewater Authority, DO HEREBY CERTIFY:

That I have compared the annexed extract of the minutes of the meeting of the Dutchess County Water and Wastewater Authority, including the resolution contained therein, held on June 15, 2016, with the original thereof on file in my office, and that the same is a true and correct transcript therefrom and of the whole of said original so far as the same relates to the subject matters therein referred to.

I FURTHER CERTIFY that all members of said Authority had due notice of said meeting.

I FURTHER CERTIFY that, pursuant to Section 103 of the Public Officers Law (Open Meetings Law), said meeting was open to the general public.

I FURTHER CERTIFY that, PRIOR to the time of said meeting, I duly caused a public notice of the time and place of said meeting to be given to the following newspapers and/or other news media as follows:

<u>Newspaper and/or other news media</u>	<u>Date given</u>
--	-------------------

IN WITNESS WHEREOF, I have hereunto set my hand on the 15th day of June, 2016.

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EXECUTIVE DIRECTOR

**RESOLUTION AUTHORIZING THE ISSUANCE AND SALE OF THE  
AUTHORITY'S VALLEY DALE SEWER SERVICE AGREEMENT  
REVENUE BONDS, SERIES 2016 (EFC) AND THE APPROVAL AND  
EXECUTION OF RELATED DOCUMENTS**

\_\_\_\_\_ offers the following resolution and moves its adoption:

WHEREAS; by Title 6-C of Article 5 of the Public Authorities Law of the State of New York (the "Act"), the Dutchess County Water and Wastewater Authority (the "Authority") was created with the authority and power to issue its revenue bonds for the purpose of, among other things, planning, developing, acquiring, constructing and financing the cost of any project (as defined in the Act) owned or operated by or for the benefit of the Authority in accordance with the Act, and

WHEREAS; the Authority has previously authorized the issuance of up to \$2,250,000 in notes to finance capital improvements to the Valley Dale Sewer System and to pay costs of issuance, and

WHEREAS; the Authority issued its Valley Dale Sewer Service Agreement Revenue Notes, Series 2014 (EFC) pursuant to the Act in the aggregate principal amount of \$1,299,195 for such purpose, and

WHEREAS; in order to permanently finance such notes and evidence the loan for the remaining costs of such project (including costs of issuance and any reserve funds) the Authority will issue up to \$2,000,000 in bonds (the "Bonds") to the New York State Environmental Facilities Corporation ("EFC") and execute various documents in connection therewith, and

WHEREAS; it is now desired to authorize the issuance of the Bonds to EFC and to approve and authorize the execution of related documents,

THEREFORE BE IT RESOLVED by the Dutchess County Water and Wastewater Authority as follows:

Section 1. The Authority hereby finds and determines:

- (a) By virtue of the Act, the Authority has been vested with all powers necessary and convenient to carry out and effectuate the purposes and provisions of the Act and to exercise all powers granted to it under the Act.
- (b) It is desirable and in the public interest for the Authority to issue and sell the Bonds, pursuant to a certain Third Supplemental Indenture to that certain Amended and Restated Trust Indenture dated as of March 1, 2007 by and between the Authority and Manufacturers and Traders Trust Company (the "Trustee"), as Trustee (the "Trust Indenture" and together with the Third Supplemental Indenture, the "Indenture") and in

accordance with a Project Finance Agreement to be executed between the Authority and EFC (the "Project Finance Agreement").

Section 2. In consequence of the foregoing, the Authority hereby determines to: (i) issue and sell the Bonds to EFC pursuant to the terms and conditions set forth in the Indenture and Project Finance Agreement; (ii) use the proceeds of the Bonds as previously described; (iii) enter into each agreement hereafter identified in this resolution; and (iv) execute such other documents and take such other action as may be necessary to effectuate the purposes of this resolution.

Section 3. The form and substance of the Third Supplemental Indenture (in substantially the form presented to this meeting) are hereby approved.

Section 4. The Authority is hereby authorized to issue, execute, sell and deliver the Bonds to the EFC upon such terms as shall be approved by the Chairman, Vice Chairman, Treasurer or Executive Director and in substantially the form heretofore approved in this Resolution, provided that:

- (a) The Bonds hereby authorized to be issued, executed and delivered shall be issued, executed and delivered at such time as the Chairman, Vice Chairman, Treasurer or Executive Director of the Authority shall determine and shall not be issued until prior approval of the terms and conditions thereof shall have been obtained from the State Comptroller, if necessary
- (b) The Bonds shall be issued solely for the purposes previously described.
- (c) The Bonds and the interest thereon are not and shall never be a debt of the State of New York or any political subdivision thereof other than the Authority, including without limitation Dutchess County, and neither the State of New York nor any political subdivision thereof other than the Authority, including without limitation Dutchess County, shall be liable thereon.

Section 5. (a) The Chairman, Vice Chairman, Treasurer or Executive Director of the Authority are hereby authorized, on behalf of the Authority, to execute and deliver, the Third Supplemental Indenture, the Project Finance Agreement and the Bonds, all as described above and the Secretary of the Authority is hereby authorized to affix the seal of the Authority thereto and to attest the same, all in substantially the forms thereof presented to this meeting, with such changes, variations, omissions and insertions as the Chairman, Vice Chairman, Treasurer or Executive Director shall approve. The execution thereof by the Chairman, Vice Chairman, Treasurer or Executive Director shall constitute conclusive evidence of such approval.

- (b) The Chairman, Vice Chairman, Treasurer or Executive Director of the Authority are further hereby authorized, on behalf of the Authority, to

designate any additional Authorized Representatives of the Authority (as used or defined in and pursuant to the Indenture) to execute, on behalf of the Authority, any Financing Documents (hereinafter defined).

Section 6. The members, officers, employees and agents of the Authority are hereby authorized and directed for and in the name and on behalf of the Authority to do all acts and things required or provided for by the provisions of either the Bonds, the Indenture, or the Project Finance Agreement (collectively the “Financing Documents”), and to execute and deliver all such additional certificates, instruments and documents, pay all such fees, charges and expenses and to do all such further acts and things as may be necessary or, in the opinion of the member, officer, employee or agent acting, desirable and proper to effect the purposes of this resolution and to cause compliance by the Authority with all of the terms, covenants and provisions of the Financing Documents.

Section 7. Each of the documents identified in each Section of this resolution is hereby incorporated in this resolution as if set forth at length herein.

Section 8. This resolution shall take effect immediately and the Bonds are hereby ordered to be issued in accordance with this resolution.

At a regular meeting of the Dutchess County Water and Wastewater Authority, held at 27 High Street, Poughkeepsie, New York, at 3:30 o'clock pm, on the 15th day of June, 2016, the following members of the Authority were:

PRESENT:

ABSENT:

ALSO  
PRESENT:

After the meeting had been duly called to order, the Chairman announced that among the purposes of the meeting was to consider and take action on certain matters pertaining to the issuance and sale of the Authority's proposed Valley Dale Sewer Service Agreement Revenue Bonds, Series 2016 (EFC).

The following resolution was duly moved, seconded, discussed and adopted with the following members in open session:

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STATE OF NEW YORK     )  
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COUNTY OF DUTCHESS    )

I, the undersigned Executive Director of the Dutchess County Water and Wastewater Authority, DO HEREBY CERTIFY:

That I have compared the annexed extract of the minutes of the meeting of the Dutchess County Water and Wastewater Authority, including the resolution contained therein, held on June 15, 2016, with the original thereof on file in my office, and that the same is a true and correct transcript therefrom and of the whole of said original so far as the same relates to the subject matters therein referred to.

I FURTHER CERTIFY that all members of said Authority had due notice of said meeting.

I FURTHER CERTIFY that, pursuant to Section 103 of the Public Officers Law (Open Meetings Law), said meeting was open to the general public.

I FURTHER CERTIFY that, PRIOR to the time of said meeting, I duly caused a public notice of the time and place of said meeting to be given to the following newspapers and/or other news media as follows:

<u>Newspaper and/or other news media</u>	<u>Date given</u>
--	-------------------

IN WITNESS WHEREOF, I have hereunto set my hand on the 15th day of June, 2016.

---

EXECUTIVE DIRECTOR

**AWARD SHW DISTRIBUTION SYSTEM CONSTRUCTION CONTRACT**

\_\_\_\_\_ offers the following resolution and moves its adoption:

WHEREAS; Bids were received at 2:00 PM on June 1, 2016 at the Authority’s office at 27 High Street, Poughkeepsie, NY for Contract No. SHW-PWC-2015-DS1 - General Construction Contract for the Shore Haven Water Distribution System Improvements in accordance with the Authority’s procurement policy for public works with a contract value greater than \$35,000.00, as follows:

	<u>Bidder</u>	<u>Amount</u>
1.	Grant Street Construction, Inc., Cortland, NY	\$966,000.00
2.	Casale Construction Services, Inc., Wynantskill, NY	\$987,540.00
3.	Sun-Up Enterprises, Inc. Wappinger Falls, NY	\$1,054,480.00
4.	McNamee Construction Corp., Lincolndale, NY	\$1,238,759.00
5.	Joken Development Corp., White Plains, NY	\$1,982,810.00

WHEREAS; Weston & Sampson, the Authority’s consulting engineer for this Project, has reviewed the apparent low bidder’s proposal and qualification documents and has made a recommendation to the Authority, and

WHEREAS; based upon this review, the Authority Staff recommends that Contract No. SHW-PWC-2015-DS1 be awarded to the lowest responsible bidder, Grant Street Construction, Inc., Cortland, NY, in the amount of \$966,000.00, and

WHEREAS; the Authority Board has reviewed the recommendations of the Authority Staff and considered the benefits to the Authority,

THEREFORE BE IT RESOLVED THAT; Contract No. SHW-PWC-2015-DS1, General Construction, Shore Haven Water Distribution System Improvements, be awarded to Grant Street Construction, Inc., Cortland, NY, and

BE IT FURTHER RESOLVED THAT; the Executive Director or Deputy Director is authorized to execute the agreement and all related project documents with Grant Street Construction, Inc., Cortland, NY in the amount of \$966,000.00 for Contract No. SHW-PWC-2015-DS1 - General Construction, Shore Haven Water Distribution System Improvements.

Seconded by \_\_\_\_\_

<u>Record of Vote:</u>	<u>Aye</u>	<u>Nay</u>
Thomas LeGrand	___	___
Vincent DiMaso	___	___
Larry Knapp	___	___
Rudy Vavra	___	___
Michael Cotton	___	___

**AWARD OF VDS-WWTP- REHABILITATION PROJECT GENERAL  
CONSTRUCTION CONTRACT**

\_\_\_\_\_ offers the following resolution and moves its adoption:

WHEREAS; the Authority received two bids on April 6, 2016 for Contract No. VDS-PWC-2015-01 – General Construction for the Valley Dale Wastewater System – Wastewater Treatment Plant Rehabilitation Project as follows:

- |    |   |                |
|----|---|----------------|
| 1. | OCS Industries, Inc., Middletown, NY        | \$953,500.00   |
| 2. | Eventus Construction Co., Inc., Amawalk, NY | \$1,013,000.00 |

WHEREAS; OCS Industries, Inc., Middletown, NY submitted the lowest responsible bid in the amount of \$953,500.00, and

WHEREAS; the consulting engineer, Lawrence J. Paggi, PE, PC (Paggi), has reviewed the bid, qualification statement, experience and references provided by OCS Industries, Inc. and finds no reason not to award the contract to OCS Industries, Inc., and

WHEREAS; the staff has reviewed the recommendation of Paggi and recommends the award of Contract No. VDS-PWC-2015-01 – General Construction for the Valley Dale Wastewater System – Wastewater Treatment Plant Rehabilitation Project to the lowest responsible bidder, OCS Industries, Inc., and

WHEREAS; the Board has reviewed the staff recommendation and finds the award of Contract No. VDS-PWC-2015-01 to OCS Industries, Inc. is in the best interests of the Authority.

THEREFORE BE IT RESOLVED THAT; the bid received on April 6, 2016 from OCS Industries, Inc. for Contract No. VDS-PWC-2015-01 for the Valley Dale Wastewater System – Wastewater Treatment Plant Rehabilitation Project in the amount of \$953,500.00 be accepted, and that the Executive Director or Deputy Director is authorized to execute the contract and the notice to proceed upon receipt of executed contract and insurance certificates from the proposed Contractor.

Seconded by \_\_\_\_\_

<u>Record of Vote:</u>	<u>Aye</u>	<u>Nav</u>
Thomas LeGrand	___	___
Vincent DiMaso	___	___
Larry Knapp	___	___
Rudy Vavra	___	___
Michael Cotton	___	___

**AWARD OF VDS-WWTP- REHABILITATION PROJECT ELECTRICAL  
CONSTRUCTION CONTRACT**

\_\_\_\_\_ offers the following resolution and moves its adoption:

WHEREAS; the Authority received one bid on April 6, 2016 for Contract No. VDS-PWC-2015-02 – Electrical Construction for the Valley Dale Wastewater System – Wastewater Treatment Plant Rehabilitation Project as follows:

- 1. Whalen Electric, LLC, Kingston, NY \$79,800.00

WHEREAS; Whalen Electric, LLC, Kingston, NY submitted the lowest responsible bid in the amount of \$79,800.00, and

WHEREAS; the consulting engineer, Lawrence J. Paggi, PE, PC (Paggi), has reviewed the bid, qualification statement, experience and references provided by Whalen Electric, LLC and finds no reason not to award the contract Whalen Electric, LLC, and

WHEREAS; the staff has reviewed the recommendation of Paggi and recommends the award of Contract No. VDS-PWC-2015-02 – Electrical Construction for the Valley Dale Wastewater System – Wastewater Treatment Plant Rehabilitation Project to the lowest responsible bidder, Whalen Electric, LLC, and

WHEREAS; the Board has reviewed the staff recommendation and finds the award of Contract No. VDS-PWC-2015-02 to Whalen Electric, LLC is in the best interests of the Authority.

THEREFORE BE IT RESOLVED THAT; the bid received on April 6, 2016 from Whalen Electric, LLC for Contract No. VDS-PWC-2015-02 for the Valley Dale Wastewater System – Wastewater Treatment Plant Rehabilitation Project in the amount of \$79,800.00 be accepted, and that the Executive Director or Deputy Director is authorized to execute the contract and the notice to proceed upon receipt of executed contract and insurance certificates from the proposed Contractor.

Seconded by \_\_\_\_\_

<u>Record of Vote:</u>	<u>Aye</u>	<u>Nay</u>
Thomas LeGrand	___	___
Vincent DiMaso	___	___
Larry Knapp	___	___
Rudy Vavra	___	___
Michael Cotton	___	___

**AWARD OF VDS-WWTP- REHABILITATION PROJECT PLUMBING  
CONSTRUCTION CONTRACT**

\_\_\_\_\_ offers the following resolution and moves its adoption:

WHEREAS; the Authority received three (3) proposals on June 7, 2016 for Contract No. VDS-PWC-2015-03 – HVAC Construction for the Valley Dale Wastewater System – Wastewater Treatment Plant Rehabilitation Project as follows:

- |    |  |             |
|----|--|-------------|
| 1. | OCS Industries, Inc., Middletown, NY                 | \$32,969.00 |
| 2. | Dutchess Plumbing & Heating, Inc., Staatsburg, NY    | \$37,200.00 |
| 3. | S&O Construction Services, Inc., Pleasant Valley, NY | \$65,510.00 |

WHEREAS; OCS Industries, Inc. submitted the lowest responsible proposal in the amount of \$32,969.00, and

WHEREAS; the Staff has reviewed the proposal of the lowest responder and recommends the award of Contract No. VDS-PWC-2015-03 – Plumbing Construction for the Valley Dale Wastewater System – Wastewater Treatment Plant Rehabilitation Project to the lowest responsible responder, OCS Industries, Inc., and

WHEREAS; the Board has reviewed the staff recommendation and finds the award of Contract No. VDS-PWC-2015-03 to OCS Industries, Inc. is in the best interests of the Authority.

THEREFORE BE IT RESOLVED THAT; the proposal received on June 7, 2016 from OCS Industries, Inc. for Contract No.VDS-PWC-2015-03 for the Valley Dale Wastewater System – Wastewater Treatment Plant Rehabilitation Project in the amount of \$32,969.00 be accepted, and that the Executive Director or Deputy Director is authorized to execute the contract and the notice to proceed upon receipt of executed contract and insurance certificates from the proposed Contractor.

Seconded by \_\_\_\_\_

<b>Record of Vote:</b>	<b>Aye</b>	<b>Nay</b>
Thomas LeGrand	___	___
Vincent DiMaso	___	___
Larry Knapp	___	___
Rudy Vavra	___	___
Michael Cotton	___	___

**RESOLUTION NO. 2016.06.I**

**Authority Board – DCWWA  
June 15, 2016 meeting**

**AUTHORIZE AMENDMENT No. 1 – GFS ENGINEERING DESIGN AGREEMENT**

\_\_\_\_\_ offers the following resolution and moves its adoption:

WHEREAS; the Authority has entered into an agreement dated April 21, 2016 with T&B Engineering, PC for Professional Engineering Services for the Greenfields Sewer System – Treatment Plant Rehabilitation Project, and

WHEREAS; Resolution 2016.04.E incorrectly stated due a staff error that the Contract cost was not to exceed as \$177,300.00 instead of \$179,100.00, and

WHEREAS; the Authority Staff recommends that Resolution 2016.04.E be amended to reflect a contract cost not to exceed \$179,100.00, and

WHEREAS; a change in NYS SPDES Permit for the facility’s discharge since the execution of the agreement has reduced the Total Chlorine Residual to 0.02 mg/L which requires an additional evaluation of dechlorination of the discharge not included in the Scope of Services, and

WHEREAS; T&B Engineering, PC has requested additional compensation in the amount of \$2,800.00 to perform the additional evaluation, and

WHEREAS; the Authority staff has reviewed T&B Engineering, PC additional compensation request and found it reasonable for the additional work scope required, and

WHEREAS; the Authority Staff recommends that Amendment No. 1 to the agreement with T&B Engineering, PC for the Greenfields Sewer System – Wastewater Treatment Plant Rehabilitation Project - Professional Engineering Services Contract in the amount of \$2,800.00 be authorized by the Board, and

WHEREAS; the Authority Board has considered the benefits to the Authority.

THEREFORE BE IT RESOLVED THAT; Resolution 2016.04.E is amended to reflect a contract cost not to exceed \$179,100.00, and

BE IT FURTHER RESOLVED THAT; the Executive Director or Deputy Director is authorized to execute Amendment No. 1 with T&B Engineering, PC in the amount not to exceed \$2,800.00 for a revised Contract cost of \$181,900.00 the Greenfields Sewer System – Treatment Plant Rehabilitation Project Professional Engineering Services.

Seconded by \_\_\_\_\_

<b>Record of Vote:</b>	<b>Aye</b>	<b>Nay</b>
Thomas LeGrand	___	___
Vincent DiMaso	___	___
Larry Knapp	___	___
Rudy Vavra	___	___
Michael Cotton	___	___

**AWARD HYDE PARK WTF INSTRUMENTATION AND CONTROL PHASE 1  
ENGINEERING DESIGN AGREEMENT**

\_\_\_\_\_ offers the following resolution and moves its adoption:

WHEREAS; the Authority staff has solicited revised proposals for Engineering Services in accordance with the procurement policy for Professional Engineering Services for the Hyde Park Water Treatment Plant Instrumentation and Control Replacement – Phase 1 Project (the Project) in the Town of Hyde Park, NY from three (3) firms, and

WHEREAS; the Authority received proposals on May 25, 2016 from the following firms:

1. Delaware Engineering, DPC, Albany, NY
2. T&B Engineering, PC, Red Hook, NY

WHEREAS; HDR Architects & Engineers, PC did not respond citing that they would not be cost competitive, and

WHEREAS; the Authority Staff has evaluated the proposals considering each firm’s project approach, project organization, project staff experience, firm organization, firm experience, not to exceed cost and hourly rates, and

WHEREAS; the Authority Staff recommends that the firm of T&B Engineering, PC be awarded the Professional Engineering Services for the Hyde Park Water Treatment Instrumentation and Control Replacement Project – Phase 1 Project Contract for a cost not to exceed of \$93,500.00, and

WHEREAS; the Authority Board has considered the benefits to the Authority.

THEREFORE BE IT RESOLVED THAT; the Executive Director or Deputy Director is authorized to execute an agreement with T&B Engineering, PC in the amount not to exceed \$93,500.00 for the Professional Engineering Services for the Hyde Park Water Treatment Instrumentation and Control Replacement Project – Phase 1 Project Professional Engineering Services.

Seconded by \_\_\_\_\_

<b><u>Record of Vote:</u></b>	<b><u>Aye</u></b>	<b><u>Nay</u></b>
Thomas LeGrand	_____	_____
Vincent DiMaso	_____	_____
Larry Knapp	_____	_____
Rudy Vavra	_____	_____
Michael Cotton	_____	_____

**OPEN EXECUTIVE SESSION REGARDING PROPOSED ACQUISITION OF REAL  
PROPERTY**

\_\_\_\_\_ offers the following resolution and moves its adoption:

Enter into Executive Session for the purpose of discussing acquisition of real property.

Seconded by \_\_\_\_\_

<b><u>Record of Vote:</u></b>	<b><u>Aye</u></b>	<b><u>Nay</u></b>
Thomas LeGrand	___	___
Vincent DiMaso	___	___
Larry Knapp	___	___
Rudy Vavra	___	___
Michael Cotton	___	___

**RESOLUTION NO. 2016.06.L**

**Authority Board – DCWWA  
June 15, 2016 meeting**

**CLOSE EXECUTIVE SESSION**

\_\_\_\_\_ offers the following resolution and moves its adoption:

Close Executive Session and resume Public Session.

Seconded by \_\_\_\_\_

<b><u>Record of Vote:</u></b>	<b><u>Aye</u></b>	<b><u>Nay</u></b>
Thomas LeGrand	___	___
Vincent DiMaso	___	___
Larry Knapp	___	___
Rudy Vavra	___	___
Michael Cotton	___	___

**APPROVAL OF CONFIDENTIALITY AGREEMENT**

\_\_\_\_\_ offers the following resolution and moves its adoption:

WHEREAS; the Dutchess County Water and Wastewater Authority (the Authority), the County of Dutchess (the County), the City of Poughkeepsie (the City) and the Town of Poughkeepsie (the Town and collectively with the Authority, the County and the City, the “Parties”) have entered into negotiations for (i) the Authority’s acquisition of the City’s interest in the Joint Water Plant and (ii) in the event such acquisition is consummated, certain revisions to the terms and conditions of the IMA (the “Potential Transaction”), and

WHEREAS; each of the Town, City, County and Authority has received and/or may in the future receive from the other Parties certain information considered to be confidential, and

WHEREAS; the Parties acknowledge and agree that the Parties are subject to the Open Meetings Law (Article 7 of the New York Public Officers Law) and the Freedom of Information Law (Article 6 of the New York Public Officers Law) and that, as result, certain information will be, or may become, accessible by the public at large, and

WHEREAS; notwithstanding the foregoing, the Parties agree that it is to the mutual benefit of the Parties that each Party’s confidential information remain confidential, and

WHEREAS; the Parties have agreed to maintain the confidentiality of information exchanged in accordance with the terms and conditions of the attached Confidentiality Agreement,

THEREFORE BE IT RESOLVED THAT; the Authority Chairman is authorized to execute the Confidentiality and Non-Disclosure Agreement in substantially the form presented in this meeting.

Seconded by \_\_\_\_\_

<b>Record of Vote:</b>	<b>Aye</b>	<b>Nay</b>
Thomas LeGrand	___	___
Vincent DiMaso	___	___
Larry Knapp	___	___
Rudy Vavra	___	___
Michael Cotton	___	___

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY  
WARRANT  
June 15, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<b><u>Arbors Water System</u></b>						
ABW16013	Smith Environmental Laboratory	Labs: April 2016	554.75			
ABW16014	Byrnes Message Bureau, Inc.	Answering service: June 2016	44.90			
<b>SUBTOTAL</b>			<b>599.65</b>			
<b><u>Benefit Assessment</u></b>						
BEN16006	Drake, Loeb, Heller, etal.	Professional services: T-Rex	105.00	30,000.00	7,205.53	24.02%
<b>SUBTOTAL</b>			<b>105.00</b>			
<b><u>Birch Hill Water System</u></b>						
BHW16030	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	858.00	10,296.00	4,290.00	41.67%
BHW16031	Smith Environmental Laboratory	Labs: April 2016	699.10			
BHW16032	USA BlueBook	Hach ascorbic acid power	177.25			
BHW16033	VRI Environmental Services, Inc.	Power failure	80.00			
BHW16034	Frontier Communications	Telephone service: 5/25/16 -6/24/16 (226 5492)	42.36			
BHW16035	VRI Environmental Services, Inc.	Install unions: 05/19/16	520.00			
BHW16036	Star Gas Prod., Inc.	Propane: 256.9 gal@1.89 (5/11/16)	489.21			
BHW16037	Amrex	Chemicals: Sodium tripolyphosphate	936.96			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY  
WARRANT  
June 15, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
BHW16038	VRI Environmental Services, Inc.	Electronic backwash valve problem: 05/18/16	106.25			
<b>SUBTOTAL</b>			<b>3,909.13</b>			
<b><u>Chelsea Cove Sewer System</u></b>						
CCS16063	Royal Carting Service Co.	Monthly Refuse Removal: May 2016	76.59			
CCS16064	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	2,858.58	34,303.00	14,292.90	41.67%
CCS16065	Frontier Communications	Telephone service: 5/7/16-6/6/16 (2265492)	42.36			
CCS16066	NYSEG	Electric service:4/13/16-5/10/16 (10010243847)	1,693.83			
CCS16067	Earthcare - All County Division	Sludge removal: 5/5/16+5/10/16	2,500.00			
CCS16068	VRI Environmental Services, Inc.	Leak in air line: 04/29/16	214.28			
CCS16069	VRI Environmental Services, Inc.	Drum filter issues: 05/01/16	160.00			
CCS16070	VRI Environmental Services, Inc.	Drum filter pump not working: 05/1/16	140.00			
CCS16071 *	Morris Assoc Engineering Consultants, PLLC.	Prof Services: CCS WWTP Construction Administration (#5)	11,281.20	137,220.00	38,617.10	28.14%
CCS16072	Amrex	Chemicals: Hypochlorite	250.00			
CCS16073	Earthcare - All County Division	Sludge removal: 5/18/16	1,000.00			
CCS16074	Amrex	Chemicals: Sodium tripolyphosphate	151.57			
CCS16075	VRI Environmental Services, Inc.	30 gal waste oil drums	118.00			
<b>SUBTOTAL</b>			<b>20,486.41</b>			
<b><u>Dalton Farms Sewer System</u></b>						
DFS16073	Royal Carting Service Co.	Monthly Refuse Removal: May 2016	163.35			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY  
WARRANT  
June 15, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
DFS16074	VRI Environmental Services, Inc.	Operations and Maintenance: May1 2016	3,602.42	43,229.00	18,012.10	41.67%
DFS16075	Frontier Communications	Telephone service: 5/7/16-6/6/16 (223 3038)	47.55			
DFS16076	Gentech LTD	Maintenance to generator	475.00			
DFS16077	NYSEG	Electric service: 4/12/16-5/10/16 (1001 0243 581)	153.81			
DFS16078	Verizon	Telephone service: 5/7/16-6/6/16 (7243574)	24.17			
DFS16079	VRI Environmental Services, Inc.	Sand Filter Panel Down: 05/10/16	93.39			
DFS16080	VRI Environmental Services, Inc.	High level alarm: 05/06/16	360.00			
DFS16081	Fuss and O'Neill of New York, P.C.	Professional services: Alaina Estates Connection to DFS #4	55.08	14,200.00	14,200.00	100.00%
DFS16082	VRI Environmental Services, Inc.	No power/transfer switch stuck: 05/26/16	400.00			
DFS16084	Earthcare - All County Division	Sludge removal: 5/24/16	4,000.00			
DFS16085	J. Angelo Industries	Sludge hauling: 6-1+6-2 2016	3,520.00			
DFS16086	Frontier Communications	Telephone service:5/25/16-6/24/16 LD	11.33			
DFS16087	Frontier Communications	Telephone service: 5/24/16-6/24/16	2.70			
<b>SUBTOTAL</b>			<b>12,908.80</b>			
 <b><u>Dalton Farms Water System</u></b>						
DFW16026	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	1,462.75	17,553.00	7,313.00	41.66%
DFW16027	Frontier Communications	Telephone service: 5/7/16-6/6/16 (223 7653)	33.47			
DFW16028	Amrex	Chemicals: Ammonium Hydroxide	116.00			
<b>SUBTOTAL</b>			<b>1,612.22</b>			
 <b><u>Fairways Sewer</u></b>						
FAS16009	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	238.25	2,859.00	1,191.25	41.67%
FAS16010	VRI Environmental Services, Inc.	Replace valve pump #1/check pump #2	889.49			
<b>SUBTOTAL</b>			<b>1,127.74</b>			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY  
WARRANT  
June 15, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<b><u>Fairways Water</u></b>						
FAW16009	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	551.67	6,620.00	2,758.35	41.67%
FAW16010	Central Hudson Gas & Electric	Electric service:4/1/16-5/3/16(56742480017)	288.54			
<b>SUBTOTAL</b>			<b>840.21</b>			
<b><u>Greenbush Water</u></b>						
GBW16014	Amity Construction Corp	Water repair West Dorsey Lane:	2,264.06			
<b>SUBTOTAL</b>			<b>2,264.06</b>			
<b><u>Greenfields Sewer</u></b>						
GFS16023	FedEx	Overnight delivery: 5/24/16 Sue Serino	29.17			
GFS16046	Royal Carting Service Co.	Monthly Refuse Removal: May 2016	117.00			
GFS16047	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	3,655.50	42,568.89	16,980.39	39.89%
GFS16048	Central Hudson Gas & Electric	Electric service: 4/4/16-5/4/16 (5662 0740 01 1)	462.09			
GFS16049	Smith Environmental Laboratory	Labs: April 2016	410.25			
GFS16050	Amrex	Chemicals: Hypochlorite	32.00			
GFS16051	Amrex	Chemicals: Hypochlorite	216.00			
GFS16052 *	Luzon Environmental Services	Tank removal/samples/remediate	13,419.60			
GFS16053	Drake, Loeb, Heller, etal.	Professional services: Review Greenfields material	131.25	30,000.00	7,336.78	24.46%
GFS16054	VRI Environmental Services, Inc.	Install outside spigot in lab bldg/remove old switches: 05/18/16	212.50			
<b>SUBTOTAL</b>			<b>18,685.36</b>			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY  
WARRANT  
June 15, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<b><u>Greenfields Water</u></b>						
GFW16018	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	1,872.25	21,802.65	8,696.90	39.89%
GFW16019	Central Hudson Gas & Electric	Electric service: 4/1/16-5/4/16 (5662 0750 01 0)	396.98			
GFW16020	VRI Environmental Services, Inc.	Water storage tank over flow: 05/15/16	160.00			
GFW16021	USA BlueBook	Gloves/Hach PhosVer	158.70			
GFW16022	Radwell International, Inc	Pressure sensor	166.67			
GFW16024	Constellation New Energy inc	Electric service: 1-7FP-2490	111.02			
	<b>SUBTOTAL</b>		<b>2,865.62</b>			
<b><u>General</u></b>						
GEN16093 *	Employee Benefits Division	Health Insurance Premium: June 2016	18,434.22			
GEN16094	Del Hatt Automotive	NYS Inspection: 2005 Ranger	21.00			
GEN16095	AFLAC	Insurance Coverage: April 2016	464.22			
GEN16096	DC Commissioner of Finance	Storeroom supplies April 2016	68.16			
GEN16097	DC Commissioner of Finance	Printing services April 2016	100.00			
GEN16098	NYS Deferred Compensation Plan	Deferred Compensation: Paydate 5/20/16	1,445.00			
GEN16099	Van DeWater & Van DeWater, LLP	Professional services:General/ SHW improvements	792.75	30,000.00	4,960.25	16.53%
GEN16100	NYS & Local Emp. Ret. System	Retirement System Monthly Reporting: May 2016	2,039.92			
GEN16101	Paychex, Inc.	Administrative Services: Pay Period ending 05/13/16	730.07			
GEN16102	Paychex, Inc.	Administrative Services: Pay Period ending 05/27/16	730.07			
GEN16103	Bentley Systems, Inc.	Annual Subscription	65.00			
GEN16104	Safeguard Business Systems	Checks 1000	228.62			
GEN16105	Rose and Kiernan, Inc.	Multiple property & GL locations corrections	170.46			
GEN16106	DC Commissioner of Finance	Copier/Telephone Service: April 2016	340.73			
GEN16107	DC Commissioner of Finance	April 2016 Computer services	900.00			
GEN16108	Drake, Loeb, Heller, etal.	Professional services: Route 9G Commercial Sewer District	350.90	30,000.00	7,687.68	25.63%

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY  
WARRANT  
June 15, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
GEN16109	NYS Deferred Compensation Plan	Deferred Compensation: Paydate 6/3/16	1,445.00			
GEN16110	AFLAC	Insurance Coverage: May 2016	309.48			
GEN16111 *	Rose and Kiernan, Inc.	July 2016 Commercial package policy	16,629.00			
GEN16112	Drake, Loeb, Heller, etal.	2016 Water Bonds COI	175.00	30,000.00	7,862.68	26.21%
GEN16113	MVP Health Care, Inc.	June 2016 Health insurance	5,580.19			
GEN16114	New York Water Environment Association, Inc	Training: R.Winchester 6/15/16	140.00			
GEN16115	DC Commissioner of Finance	Storeroom supplies May 2016	59.85			
GEN16116	Staples Credit Plan	Manilla folders/envelopes/labels	37.49			
GEN16117	DC Commissioner of Finance	Mail May 2016	1,718.57			
<b>SUBTOTAL</b>			<b>52,975.70</b>			
 <b><u>Hyde Park Regional Water System</u></b>						
HPW16004	The Bank of New York	Annual Trustee Services Series1998-1+2 (6/17/16-6/16/17)	1,925.00			
HPR16122	Royal Carting Service Co.	Monthly Refuse Removal: May 2016	41.40			
HPR16123	Ulster Uniform Service, Inc.	Uniforms: May 2016	218.00			
HPR16124	Central Hudson Gas & Electric	Electric service:4/14/16-4/29/16 (5327 2710 00 4)	181.72			
HPR16125	Home Depot Credit Services	Miscellaneous Supplies: April 2016	158.93			
HPR16126	Swartz Architecture, DPC	Prof Serv: Exterior Maintenance and Repair of Buildings	672.50	33,210.00	18,786.25	56.57%
HPR16127	Northside Supplies, LLC	2 Pails karnack	87.12			
HPR16128	JCI Jones Chemicals, Inc.	Chlorine	535.41			
HPR16129	Protective Power Systems & Controls, Inc.	Major maintenance on generator	600.00			
HPR16130	Smith Environmental Laboratory	Labs: April 2016	357.00			
HPR16131	NOCO Distribution LLC	Non detergent 20 5 galpp/mobil gear/jax magna plate	157.02			
HPR16132	NOCO Distribution LLC	JAX FGH-AW 32 5galpp	113.40			
HPR16133	NOCO Distribution LLC	Mobil DTE hvy 5galpp	91.51			
HPR16134 E	Protective Power Systems & Controls, Inc.	Emergency service generator	875.00			
HPR16136	Cablevision	Internet service: 5/16/16-6/15/16	209.69			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY  
WARRANT  
June 15, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
HPR16137	Central Hudson Gas & Electric	Electric service:3/9/16-5/11/16 (5324 2580 00 8)	84.04			
HPR16138	Amity Construction Corp	Repair leak at crumwold 5/12/16	1,833.76			
HPR16139	Ti-Sales	Neptune meter 2"/flange kit	1,910.63			
HPR16140	Amity Construction Corp	Trench paving	2,809.16			
HPR16141	USA BlueBook	Hach sample	54.66			
HPR16142	Verizon	Telephone service: 4/10/16-5/9/16 (2291117/2299233/7243574)	141.57			
HPR16143	Verizon Wireless	Cell phone service: 5/13/15/-6/12/16	190.79			
HPR16144	Central Hudson Gas & Electric	Electric service:4/13/16-5/13/16 (56640195006)	258.80			
HPR16145	Ti-Sales	Neptune meter	1,343.40			
HPR16146	Seaway Diving & Salv Co., Inc.	Diving services 5/18/16	3,760.00			
HPR16147	Chemtrade Chemicals Corporation	Chemicals: Alum Sulfate liquid	2,812.97			
HPR16148	USA BlueBook	Control Pulsatron E plus	957.88			
HPR16149	Wex Inc.	Fuel for vehicles: May 2016	1,309.53			
HPR16150	Conway's Lawn & Power Equipmnt	Blade/bolt/oil/filter/repair & service trash pump	559.94			
HPR16151	Amrex	Chemicals: Sodium tripolyphosphate	1,700.00			
HPR16152	Central Hudson Gas & Electric	Elec Serv:4/27/16-5/25/16(56171635016/3730013/4600017)	6,069.03			
HPR16153	Chickery's Auto Repair	Change oil/check brakes/inspection	107.95			
HPR16154	VOID		0.00			
HPR16155	Amity Construction Corp	Trench paving 5/19/16	2,976.37			
HPR16156	Verizon Wireless	Modem: 4/24/16-5/23/16	14.08			
HPR16158	Leisure Tech Supply	Chlorine	53.85			
HPR16159	Chickery's Auto Repair	R&R taillight wiring/tire plugged	91.56			
HPR16160	Williams Lumber & Home Centers	Miscellaneous equipment and supplies: May 2016	719.55			
HPR16161	Jeff Daley & Sons Oil Ser Inc.	91.1 gal Diesel @1.75	159.43			
HPR16162	M&O Sanitation, Inc.	1-3" suction hose assembly	373.50			
	<b>SUBTOTAL</b>		<b>36,516.15</b>			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY**  
**WARRANT**  
**June 15, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<b><u>Pinebrook Sewer System</u></b>						
PBS16025	VRI Environmental Services, Inc.	Operations and Maintenance: May1 2016	1,534.58	18,415.00	7,672.90	41.67%
PBS16026	Central Hudson Gas & Electric	Electric service: 4/10/16-5/13/16 (56640248037)	413.64			
<b>SUBTOTAL</b>			<b>1,948.22</b>			
<b><u>Pinebrook Water System</u></b>						
PBW16021	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	1,023.08	12,277.00	5,115.56	41.67%
PBW16022	VRI Environmental Services, Inc.	Pull and inspect well pump #2: April 2016	3,991.99			
PBW16023	Central Hudson Gas & Electric	Electric service:4/13/16-5/13/16 (5664 0245 03 3)	310.85			
<b>SUBTOTAL</b>			<b>5,325.92</b>			
<b><u>Quaker Hills Water</u></b>						
QHW16017	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	752.25	9,027.00	3,761.25	41.67%
QHW16018	USA BlueBook	High security lock	77.90			
QHW16019	VRI Environmental Services, Inc.	Service line shut off: 05/20/16	75.00			
<b>SUBTOTAL</b>			<b>905.15</b>			
<b><u>Rokeby Water System</u></b>						
RKW16014	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	618.50	7,422.00	3,092.50	41.67%

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY  
WARRANT  
June 15, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
RKW16015	Frontier Communications	Telephone service: 5/1/16-5/31/16 (758 9223)	55.18			
RKW16016	Central Hudson Gas & Electric	Electric service:3/24/16-5/24/16 (5810 1880 01 9)	215.38			
<b>SUBTOTAL</b>			<b>889.06</b>			
 <b><u>Schreiber</u></b>						
DSW16010	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	482.67	5,792.00	2,413.35	41.67%
DSW16011	NYSEG	Electric service: 4/12/16-5/10/16 (10011912549)	186.81			
<b>SUBTOTAL</b>			<b>669.48</b>			
 <b><u>Shore Haven Water System</u></b>						
SHW16023	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	860.92	10,331.00	4,304.60	41.67%
SHW16024	Veith Enterprises, Inc.	Replace broken Junction box on utility pole/add GFCI outlet in pit	532.48			
SHW16025	Poughkeepsie Journal	Legal notice: Ads for Bids for SHW	183.40			
SHW16026	Poughkeepsie Journal	Legal notice: Ads for Bids for SHW	168.60			
<b>SUBTOTAL</b>			<b>1,745.40</b>			
 <b><u>Central Dutchess Water Transmission Line</u></b>						
CDW16035	Town of Poughkeepsie	As per agreement with Poughkeepsie Jt water	5,000.00			
CDW16092	Royal Carting Service Co.	Monthly Refuse Removal: May 2016	36.23			
CDW16093	Central Hudson Gas & Electric	Electric service: 3/31/16-5/3/16 (56852136011/2135013)	1,972.59			
CDW16094	Home Depot Credit Services	Miscellaneous Supplies: April 2016	57.97			
CDW16095	Swartz Architecture, DPC	Prof Serv: Exterior Maintenance and Repair of Buildings	672.50	33,210.00	19,458.75	58.59%
CDW16096	Hach Company	DPD chlorine rgt	495.97			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY  
WARRANT  
June 15, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
CDW16097	Smith Environmental Laboratory	Labs: April 2016	234.50			
CDW16098 *	City of Poughkeepsie	Water: April 2016	124,916.26			
CDW16099	NYS Deferred Compensation Plan	Deferred Compensation: Paydate 5/20/16	500.00			
CDW16100	MVP Health Care, Inc.	June 2016 Health insurance	1,594.34			
CDW16101	Arlington Auto & Tire	Rear brakes, pads, calipers	1,044.44			
CDW16102	Cablevision	Internet service: 5/23/16-6/22/16	141.50			
CDW16103	Verizon	Telephone service:5/10/16-6/9/16 (4710917)	225.83			
CDW16104	Time Warner Cable	Internet service: 5/19/16-6/18/16 (8150410150093567)	103.97			
CDW16105	NYS & Local Emp. Ret. System	Retirement System Monthly Reporting: May 2016	315.53			
CDW16106	Paychex, Inc.	Administrative Services: Payroll Period ending 05/13/16	9.87			
CDW16107	Paychex, Inc.	Administrative Services: Payroll Period ending 05/27/16	9.87			
CDW16108	Wex Inc.	Fuel for vehicles: May 2016	168.97			
CDW16109	NYS Deferred Compensation Plan	Deferred Compensation: Paydate 6/3/16	500.00			
CDW16110	Arlington Auto & Tire	Oil change/power steering fluid/tire rotation	191.97			
CDW16111	Poughkeepsie Journal	Legal notice: Ads for Bids	126.70			
<b>SUBTOTAL</b>			<b>138,319.01</b>			

**VALLEY DALE SEWER SYSTEM**

VDS16032	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	1,370.75	16,449.00	6,853.75	41.67%
VDS16033	VRI Environmental Services, Inc.	Pumps not creating suction	170.00			
VDS16034	VRI Environmental Services, Inc.	Tightened riser pipes	255.00			
VDS16035	USA BlueBook	Hach sample/gloves	108.03			
VDS16036	FedEx	Overnight delivery: 5/10/16	137.83			
VDS16037	VRI Environmental Services, Inc.	Dosing pumps running/EQ high	160.00			
VDS16039	Amrex	Chemicals: Hypochlorite	210.00			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY  
WARRANT  
June 15, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
VDS16040	Central Hudson Gas & Electric	Electric service: 4/21/16-5/23/16 (56530702002/0700014/004)	1,395.91			
<b>SUBTOTAL</b>			<b>3,807.52</b>			
<b><u>VALLEY DALE WATER SYSTEM</u></b>						
VDW16018	VRI Environmental Services, Inc.	Operations and Maintenance: May 2016	518.25	6,219.00	2,591.25	41.67%
VDW16019	Amrex	Chemicals: Hypochlorite	54.00			
VDW16020 **	Landworks of Hudson Valley	VDW North well access drive: Retainage Release	1,400.00	45,844.00	45,844.00	100.00%
<b>SUBTOTAL</b>			<b>1,972.25</b>			
<b><u>Violet Ave Water</u></b>						
None this warrant						
<b>SUBTOTAL</b>			<b>0.00</b>			
<b>TOTAL WARRANT</b>			<b>310,478.06</b>			

\* Over \$10,000 - Check Requires Two Signatures

\*\* Construction Voucher -Not All Construction Vouchers Require Board Signature

E/P Procurement Policy Emergency Repair Provision

TO: Authority Board  
 FROM: Frederic Zanetti  
 DATE: June 7, 2016  
 RE: May 2016 Systems Operation Report

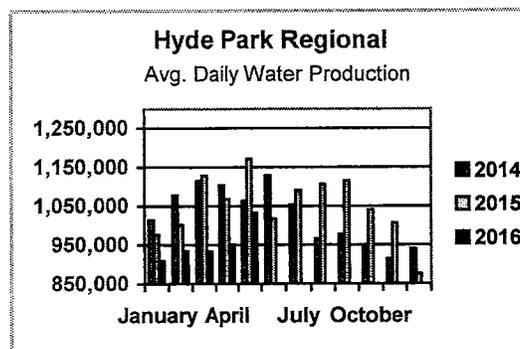
*Present: F. Dongo, G. Goettel, S. Heupler, J. McLaughlin, D. Odell, S. Osborne,  
 P. Scofield, R. Winchester, F. Zanetti*

**1. Hyde Park Regional  
 (Zones A, B, C, D, L)**

Average daily usage: May- 1,032,000  
 April- 952,000 March- 934,000  
 All testing aspects are in compliance.

**Action Items:**

- Leak repair on 4 Crumwold Place.
- Power outage at raw water pump station
- Divers in at raw pump station intake for chemical feed line

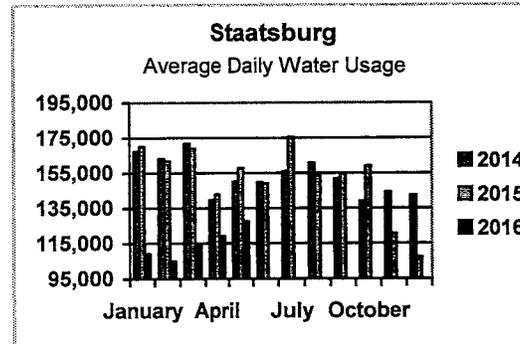


**2. Staatsburg Water (Zone C)**

Average daily usage: May- 127,600  
 April- 119,200 March- 113,500  
 All testing aspects are in compliance.

**Action items:**

- Routine Operations.

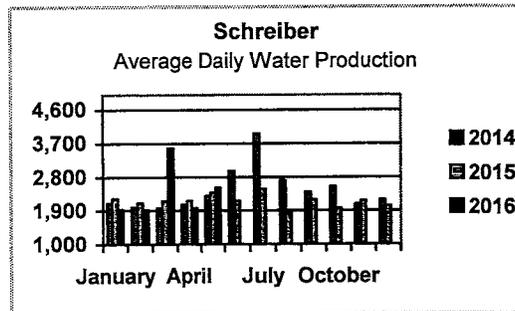


**3. Schreiber Water (Zone E)**

Average daily production: May- 2,516  
 April- 1,967 March- 3,581

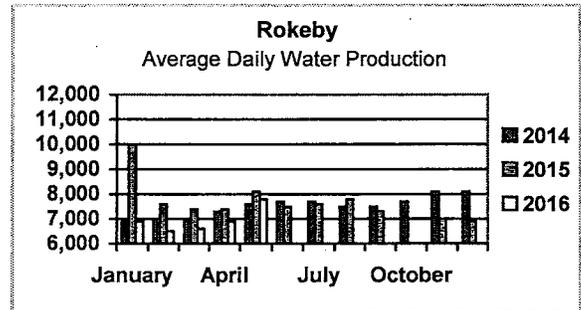
**Action Items:**

- Normal operations.
- Blending of well sources continues to be successful in reducing iron levels.



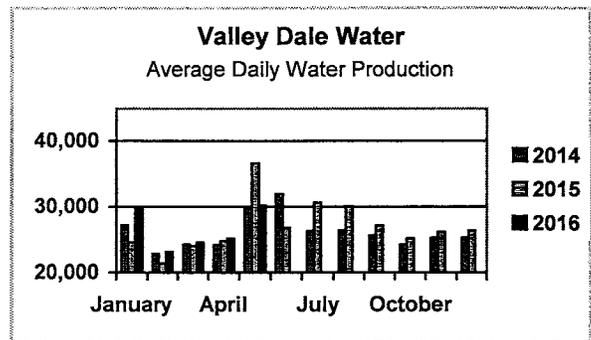
#### 4. Rokeby Water (Zone F)

Average daily production: May- 7,800  
 April- 6,900 March- 6,600  
 All testing aspects are in compliance.  
 Action items:  
 - Routine operations.



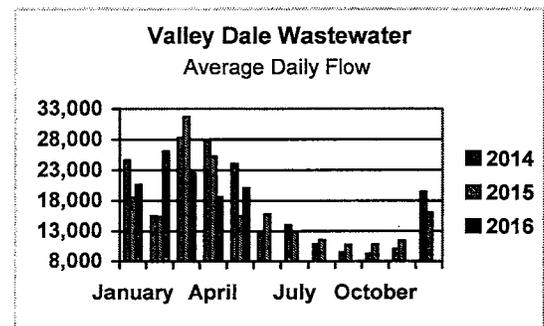
#### 5. Valley Dale Water

Average daily production: May- 30,181  
 April- 25,151 March- 24,568  
 All testing aspects are in compliance.  
 Action Items:  
 - Routine operations.  
 - Changed all micron filters.



#### 6. Valley Dale Wastewater (S.D. #2)

Average daily flow: May- 20,128  
 April- 18,627 March- 22,522  
 All testing aspects are in compliance.  
 Action Items:



- Routine operations.
- Overflow of partially treated sewage from Equalization tank reported to DEC.

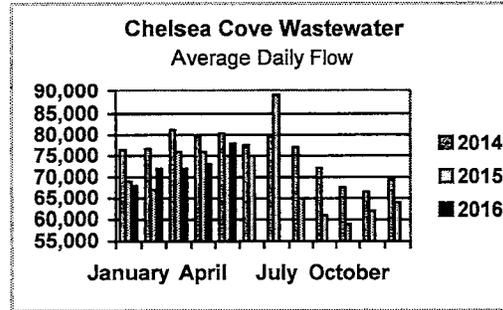
## 7. Chelsea Cove Wastewater (S.D. #1)

Average daily flow: May- 78,000  
 April- 73,000 March- 72,000

CBOD, NH3, and Fecal above permit limits.  
 Fecal exceedance due to failed chlorine pump.

### Action Items:

- Routine operations.
- Upgrade construction continues.
- RBC bearing repair being scheduled.

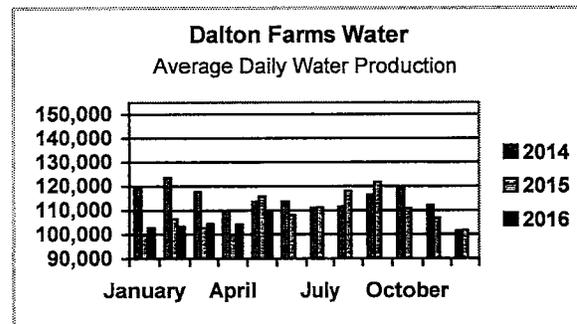


## 8. Dalton Farms Water (Zone H)

Average Daily Production: May- 109,700  
 April- 104,000 March- 104,300  
 All testing aspects are in compliance.

### Action Items:

- Normal operations.

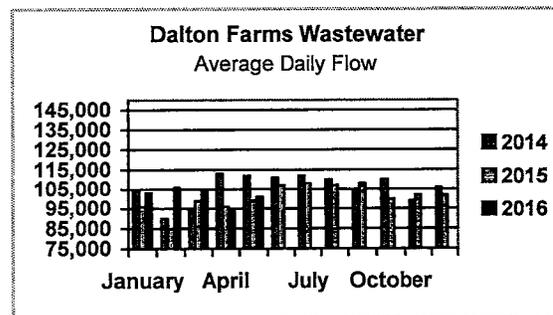


## 9. Dalton Farms Wastewater (S.D. #3)

Average Daily Flow: May- 101,000  
 April- 95,000 March- 104,000  
 All testing aspects are in compliance

### Action Items:

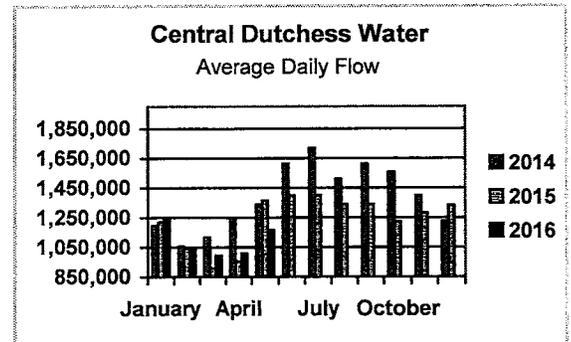
- Normal operations.
- Process sampling continues.



## 10. Central Dutchess Water Transmission Line

Average Daily Flow: May- 1,167,968  
 April- 1,007,933    March- 992,903  
 All testing aspects are in compliance.  
 Action Items:

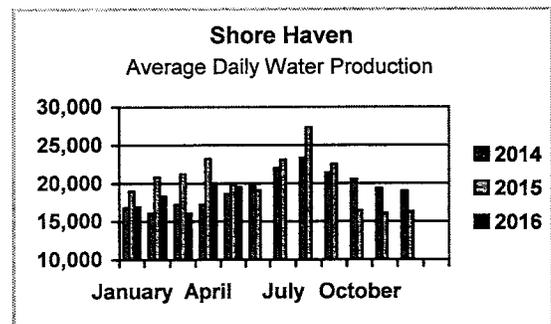
- Normal operations.



## 11. Shore Haven Water (Zone J)

Average daily production: May- 19,470  
 April- 20,040    March- 16,100  
 All testing aspects are in compliance.  
 Action items:

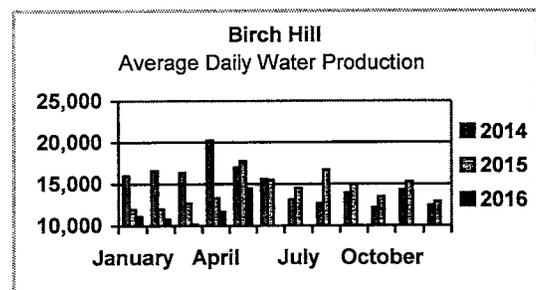
- Routine operations.



## 12. Birch Hill Water (Zone K)

Average daily production: May- 14,500  
 April- 11,700    March- 10,200  
 All testing aspects are in compliance.  
 Action items:

- Copper testing results have noted an increase in Copper corrosion in some homes.
- Analysis being conducted to determine cause.

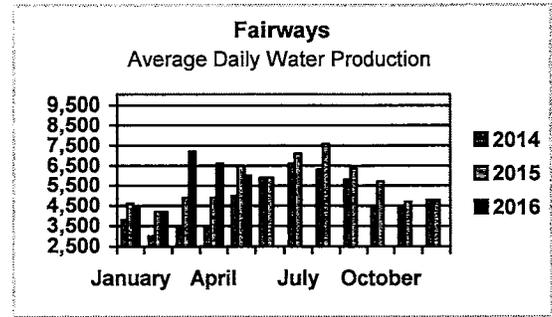


### 13. Fairways Water (Zone M)

Average daily production: May- 6,000  
 April- 6,600 March- 7,200  
 All testing aspects are in compliance.

Action items:

- Routine operations



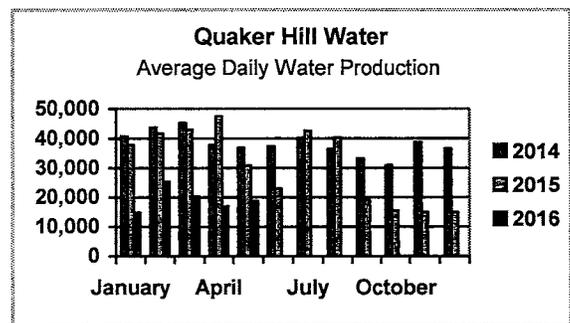
### 14. Quaker Hill Water (Zone U)

\*Transferred from the Town of Hyde Park on September 15, 2015.

Average daily production: May- 18,794  
 April- 16,943 March- 20,281  
 All testing aspects are in compliance.

Action items:

- Normal operations.



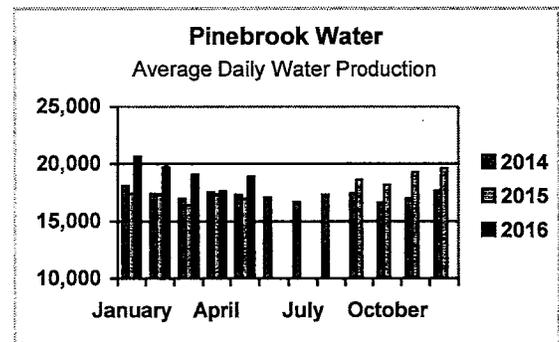
### 15. Pinebrook Water (Zone R)

\*Transferred from the Town of Hyde Park on September 15, 2015.

Average daily production: May- 18,900  
 April- 17,620 March- 19,060  
 All testing aspects are in compliance.

Action items:

MCL exceedance for Chlorides, Water quality analysis for all three wells completed.  
 Softener treatment testing to be scheduled.



**16. Pinebrook Wastewater (S.D. #7)**

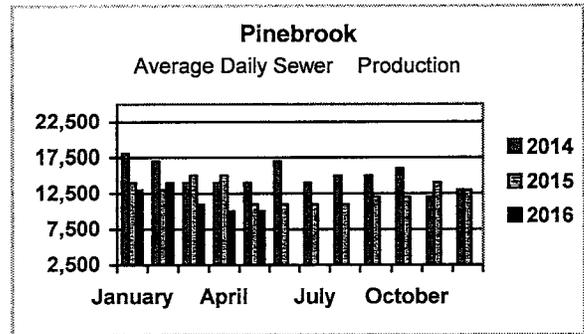
\*Transferred from the Town of Hyde Park on September 15, 2015.

Average daily production: May- 10,000  
 April- 10,000    March- 11,000

All testing aspects are in compliance except for CBOD.

Action items:

Repaired RBC now in service.



**17. Fairways Wastewater (S.D. #6 )**

\*Transferred from the Fairways HOA on September 1, 2015.

No issues. (Wastewater flow is not metered.)

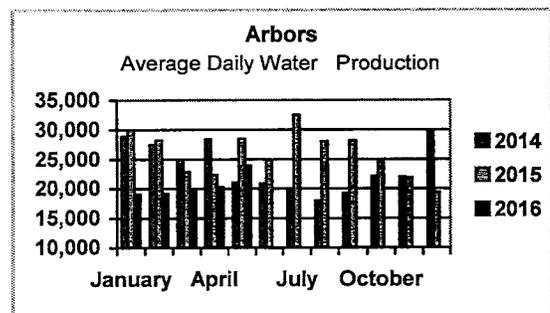
**18. Arbors Water (Zone O)**

\*Transferred from the Town of Hyde Park on September 15, 2015.

Average daily production: May- 23,900  
 April- 20,300    March- 20,000

All testing aspects are in compliance.

Action items:    - Normal operations.



### 19. Greenfields Wastewater (S.D. #8)

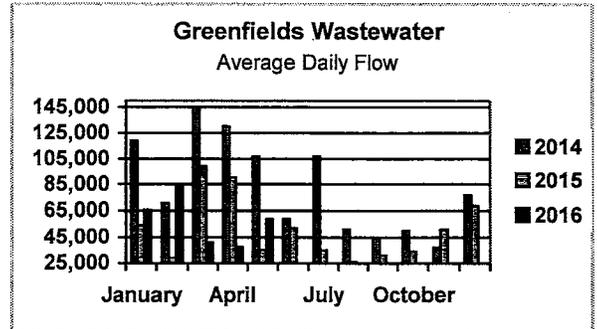
\*Transferred from the Town of Hyde Park on January 11, 2016.

Average Daily Flow: May- 58,677  
 April- 37,467    March- 41,032

All testing aspects are in compliance.

Action Items:

- Normal operations.



### 20. Greenfields Water (Zone S & T)

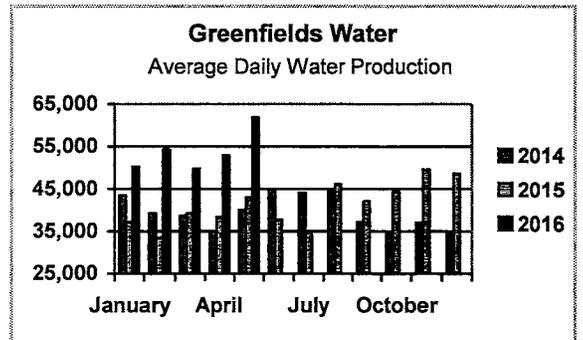
\*Transferred system operation from the Town of Hyde Park on January 11, 2016.

Average Daily Production: May- 61,865  
 April- 52,887    March- 49,739

All testing aspects are in compliance with the exception of Manganese.

Action Items:

- Faulty Tank level transducer replaced
- Well water quality data being gathered to optimize treatment process.



### 21. Greenbush Water/Violet Ave. (Zone Q)

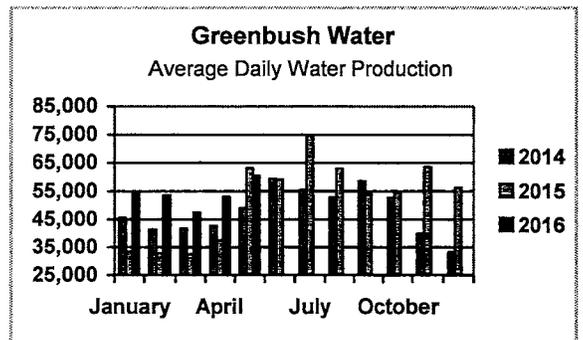
\*Transferred from the Town of Hyde Park on February 19, 2016.

Average daily production: May- 60,400  
 April- 53,000    March- 47,300

All testing aspects are in compliance.

Action items:

- Routine operations.





TO: Authority Board  
FROM: Bridget Barclay  
DATE: June 9, 2016  
RE: Shore Haven Water System Improvements Status Report

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**1) Disinfection By-Products Levels remain below the MCL in 1st Quarter** - Based on the first quarter sampling results for 2016 (collected 3/14/2016), levels of both Trihalomethanes (THM's) and Haloacetic Acids (HAA5's) continue to be below the Maximum Contaminant Level (MCL) for the required four-quarter rolling average. The first quarter THM level was 27.4 ug/l, bringing the four-quarter rolling average to 22.5 ug/l, compared to a MCL of 80 ug/l. The first quarter HAA5 level was 39 ug/l, bringing the four-quarter rolling average to 27.3 ug/l, compared to a MCL of 60 ug/l.

The Authority activated the chloramination system on February 25, 2013 at Shore Haven as an interim strategy for treating the water and reducing the occurrence of disinfection by-products in it. Since that time, the four-quarter rolling averages for both THM's and HAA5's have continued to remain significantly below the MCL.

**2) Radiologicals remain below the MCL in 1<sup>st</sup> Quarter** - Water samples collected on March 14, 2016 indicated a combined radium 226 and radium 228 level of 1.87 pCi/L (pico curies per liter). The quarterly average for radium 226 and radium 228 levels is now 2.78 pCi/L. The Maximum Contaminant Level (MCL) for combined radium 226 and radium 228 is 5 pCi/L.

**3) Lead and Copper Results** - Lead and copper samples were collected June 3-9, 2015 from eight houses connected to the Shore Haven Water System. None of the individual sites sampled exceeded the action levels for lead (action level is 15 ug/l) or copper (action level for copper is 1.3 mg/l). The 90<sup>th</sup> percentile results were 7 ug/l for Lead and 0.903 mg/l for copper. *The sampling schedule for lead and copper has been adjusted by the Dutchess County Dept. of Health for the Shore Haven Water System. Lead and copper will now only be measured once a year. The next samples will be taken later this month during the week of June 13.*

**4) Iron and Manganese results for 1<sup>st</sup> Quarter** - Based on the first quarter sampling results for 2016 (collected 3/14/2016), the combined Iron and Manganese level is 0.272 mg/l and is below the Maximum Contaminant Level (MCL) of 0.5 mg/l. The first quarter Manganese level was 0.091 mg/l, compared to a MCL of 0.3

mg/l. The first quarter Iron level was 0.181 mg/l and is below the MCL of 0.3 mg/l

**5) Permanent Water Treatment System Design** - The Project is currently out to public bid. A pre-bid meeting and site visit occurred on Monday, May 23 and 15 contractors attended both mandatory events. The Bid Opening will take place on Tuesday, June 14. Savin Engineers, the design firm for the Project, will review the bids and provide an award recommendation for consideration at a Special Meeting of the Board possibly for later this month.

**6) Distribution System Improvements** -The Bid Opening for the Project occurred on Wednesday, June 1. Five bids were received. Weston & Sampson, the design engineer for the Project, has reviewed the bids and provided a contract award recommendation for consideration at the June Board meeting. See separate memo and resolution in this month's Board packet.

Authority Staff have been actively pursuing construction and/or permanent easements from 26 property owners along the proposed route of the distribution system improvements. An easement agreement has recently been negotiated with the Crescent Drive Property Owners Association by their attorney and we are awaiting its final execution by the Association. Three other property owners have since indicated a willingness to now provide easements. However, there remain three property owners whom have declined or have not responded to the Authority's multiple easement requests. Proceedings are being initiated against these three property owners to obtain the easements through condemnation pursuant to the New York Eminent Domain Procedure Law. The matter will be further discussed at the June Board meeting.

**7) Distribution System Flushing** - Maintenance flushing will be temporarily suspended during the construction of the Distribution System Improvements.

DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY

to

Manufacturers and Traders Trust Company

as Trustee

FIFTH SUPPLEMENTAL TRUST INDENTURE

Dated as of \_\_\_\_\_, 2016

Authorizing

\$ \_\_\_\_\_

DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY

E.F.C. CLEAN WATER FACILITY BOND – 2016A  
(CHELSEA COVE)

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## FIFTH SUPPLEMENTAL TRUST INDENTURE

THIS FIFTH SUPPLEMENTAL TRUST INDENTURE dated as of \_\_\_\_\_, 2016 by and between the Dutchess County Water and Wastewater Authority, a public benefit corporation of the State of New York (the "Authority"), and Manufacturers and Traders Trust Company, a banking corporation organized and duly existing under the laws of New York, having its principal office and place of business at One M&T Plaza, Buffalo, New York (the "Trustee"), under and supplemental to that certain Amended and Restated Trust Indenture dated as of March 1, 2007 by and between the Authority and the Trustee.

### WITNESSETH:

WHEREAS, the Authority is a body corporate and politic, constituting a public benefit corporation of the State of New York, created under the Act; and

WHEREAS, the Authority and the Trustee have entered into a Trust Indenture (as modified, amended or supplemented, the "Indenture"), to which this Fifth Supplemental Trust Indenture is supplemental; and

WHEREAS, the Authority has resolved to issue its Bonds for costs relating to the Chelsea Cove Sewer System in the aggregate principal amount of \$\_\_\_\_\_ (the "EFC Bonds"); and

WHEREAS, the execution and delivery of the EFC Bonds and of this Fifth Supplemental Trust Indenture have been duly authorized and all things necessary to make the EFC Bonds, when executed by the Authority and authenticated by the Trustee, valid and binding legal obligations of the Authority and to make this Fifth Supplemental Trust Indenture a valid and binding agreement have been done;

NOW, THEREFORE, THIS FIFTH SUPPLEMENTAL TRUST INDENTURE WITNESSETH, that the Authority and the Trustee for good and valuable consideration, receipt and sufficiency of which they each hereby acknowledge, do hereby agree as follows:

## ARTICLE I

### DEFINITIONS

Terms not defined herein shall have the meanings ascribed to them in the Indenture. The following terms shall have the meanings provided below when used in this Fifth Supplemental Trust Indenture.

“Authorized Denominations” means, with respect to the EFC Bonds, a minimum denomination of \$5,000 and integral multiples thereof.

“Closing Date” means that date on which the EFC Bonds are first authenticated and delivered pursuant hereto.

"EFC Bonds" means the Authority's E.F.C. Clean Water Facility Bond – 2016A (Chelsea Cove).

“Maturity” when used with respect to the EFC Bonds means the date on which the principal of such EFC Bonds becomes due and payable as therein or herein provided, whether at the final maturity date for the EFC Bonds as set forth in Section 2.01 hereof, or declaration of acceleration, call for redemption or otherwise.

“Paying Agent” means the paying agent or paying agents appointed by the Authority under this Fifth Supplemental Indenture, and shall initially mean the Trustee.

The words “hereof,” “herein,” “hereto,” “hereby” and “hereunder” (except in the form of EFC Bonds) refer to the entire Indenture.

## ARTICLE II

### THE EFC BONDS

#### Section 2.01. Purpose, Amount, Date, Terms and Issuance of the EFC Bonds.

(a) The EFC Bonds are hereby authorized to be issued under the Indenture and this Fifth Supplemental Trust Indenture. The purpose of the EFC Bonds will be to permanently finance notes previously issued by the Authority to EFC and to provide the Authority with additional funds to undertake capital improvements to the Chelsea Cove Sewer System and to pay costs of issuance. The EFC Bonds shall be issued in the aggregate principal amount of \$\_\_\_\_\_, and shall contain substantially the terms recited in the Project Finance Agreement. The EFC Bonds shall each be dated their date of delivery to EFC.

(b) The Authority shall cause a copy of the text of the opinion of Bond Counsel delivered in connection with the original issuance of the EFC Bonds to be delivered to the Trustee.

(c) The Authority shall issue the EFC Bonds upon the execution of this Fifth Supplemental Trust Indenture. The Trustee shall authenticate and deliver the EFC Bonds upon receipt of written direction from the Authority to do so.

(d) The EFC Bonds constitute Additional Parity Indebtedness.

Section 2.02. Disposition of Proceeds of EFC Bonds. Proceeds of the EFC Bonds shall be dispersed as provided for in the Project Finance Agreement.

## ARTICLE III

### MISCELLANEOUS

Section 3.01. Illegal, etc. Provisions Disregarded. In case any provision in this Fifth Supplemental Trust Indenture or the EFC Bonds shall for any reason be held invalid, illegal or unenforceable in any respect, this Fifth Supplemental Trust Indenture or the EFC Bonds, as the case may be, shall be construed as if such provision had never been contained herein or therein.

Section 3.02. Notices. Except as otherwise provided herein, any notice, request, complaint, demand, communication or other paper shall be sufficiently given and shall be deemed given when delivered or mailed by first class mail, postage prepaid, or sent by telegram or telex, addressed to the parties as follows:

Authority: Dutchess County Water and Wastewater Authority  
27 High Street  
Poughkeepsie, New York 12601  
Attention: Executive Director

Trustee: Manufacturers and Traders Trust Company Corporate Trust  
and Agency Services  
One M&T Plaza  
Buffalo, New York 14203-2399  
Attention: Corporate Trust

The above parties may, by notice given hereunder, designate any further or different addresses to which subsequent notices, certificates or other communications shall be sent.

Section 3.03. Successors and Assigns. All the covenants, promises and agreements in this Fifth Supplemental Trust Indenture contained by or on behalf of the Authority, or by or on behalf of the Trustee, shall bind and inure to the benefit of their respective successors and assigns, whether so expressed or not.

Section 3.04. Headings for Convenience Only. The descriptive headings in this Fifth Supplemental Trust Indenture are inserted for convenience only and shall not control or affect the meaning or construction of any of the provisions hereof.

Section 3.05. Counterparts. This Fifth Supplemental Trust Indenture may be executed in any number of counterparts, each of which when so executed and delivered shall be an original; but such counterparts shall together constitute but one and the same instrument.

Section 3.06. Applicable Law. This Fifth Supplemental Trust Indenture shall be governed by and construed in accordance with the laws of the State of New York.

Section 3.07. Designation of Paying Agent for EFC Bonds. The Trustee is hereby designated as Paying Agent for the EFC Bonds.

IN WITNESS WHEREOF, DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY has caused this Fifth Supplemental Trust Indenture to be executed by its Chairman and its corporate seal to be hereunto affixed, attested by its Secretary, and Manufacturers and Traders Trust Company has caused this Fifth Supplemental Trust Indenture to be executed by one of its authorized officers, all as of the day and year first above written.

(AUTHORITY SEAL)

DUTCHESS COUNTY WATER AND  
WASTEWATER AUTHORITY

Attest: \_\_\_\_\_

By: \_\_\_\_\_

Secretary

Chairman

MANUFACTURERS AND TRADERS  
TRUST COMPANY, as Trustee

By: \_\_\_\_\_

Assistant Vice President





DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY

to

Manufacturers and Traders Trust Company

as Trustee

THIRD SUPPLEMENTAL TRUST INDENTURE

Dated as of \_\_\_\_\_, 2016

Authorizing

\$ \_\_\_\_\_

DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY

E.F.C. CLEAN WATER FACILITY BOND – 2016A  
(VALLEY DALE)

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### THIRD SUPPLEMENTAL TRUST INDENTURE

THIS THIRD SUPPLEMENTAL TRUST INDENTURE dated as of \_\_\_\_\_, 2016 by and between the Dutchess County Water and Wastewater Authority, a public benefit corporation of the State of New York (the "Authority"), and Manufacturers and Traders Trust Company, a banking corporation organized and duly existing under the laws of New York, having its principal office and place of business at One M&T Plaza, Buffalo, New York (the "Trustee"), under and supplemental to that certain Amended and Restated Trust Indenture dated as of March 1, 2007 by and between the Authority and the Trustee.

#### WITNESSETH:

WHEREAS, the Authority is a body corporate and politic, constituting a public benefit corporation of the State of New York, created under the Act; and

WHEREAS, the Authority and the Trustee have entered into a Trust Indenture (as modified, amended or supplemented, the "Indenture"), to which this Third Supplemental Trust Indenture is supplemental; and

WHEREAS, the Authority has resolved to issue its Bonds for costs relating to the Valley Dale Sewer System in the aggregate principal amount of \$\_\_\_\_\_ (the "EFC Bonds"); and

WHEREAS, the execution and delivery of the EFC Bonds and of this Third Supplemental Trust Indenture have been duly authorized and all things necessary to make the EFC Bonds, when executed by the Authority and authenticated by the Trustee, valid and binding legal obligations of the Authority and to make this Third Supplemental Trust Indenture a valid and binding agreement have been done;

NOW, THEREFORE, THIS THIRD SUPPLEMENTAL TRUST INDENTURE WITNESSETH, that the Authority and the Trustee for good and valuable consideration, receipt and sufficiency of which they each hereby acknowledge, do hereby agree as follows:

## ARTICLE I

### DEFINITIONS

Terms not defined herein shall have the meanings ascribed to them in the Indenture. The following terms shall have the meanings provided below when used in this Third Supplemental Trust Indenture.

“Authorized Denominations” means, with respect to the EFC Bonds, a minimum denomination of \$5,000 and integral multiples thereof.

“Closing Date” means that date on which the EFC Bonds are first authenticated and delivered pursuant hereto.

"EFC Bonds" means the Authority's E.F.C. Clean Water Facility Bond – 2016A (Valley Dale).

“Maturity” when used with respect to the EFC Bonds means the date on which the principal of such EFC Bonds becomes due and payable as therein or herein provided, whether at the final maturity date for the EFC Bonds as set forth in Section 2.01 hereof, or declaration of acceleration, call for redemption or otherwise.

“Paying Agent” means the paying agent or paying agents appointed by the Authority under this Third Supplemental Indenture, and shall initially mean the Trustee.

The words “hereof,” “herein,” “hereto,” “hereby” and “hereunder” (except in the form of EFC Bonds) refer to the entire Indenture.

## ARTICLE II

### THE EFC BONDS

#### Section 2.01. Purpose, Amount, Date, Terms and Issuance of the EFC Bonds.

(a) The EFC Bonds are hereby authorized to be issued under the Indenture and this Third Supplemental Trust Indenture. The purpose of the EFC Bonds will be to permanently finance notes previously issued by the Authority to EFC and to provide the Authority with additional funds to undertake capital improvements to the Valley Dale Sewer System and to pay costs of issuance. The EFC Bonds shall be issued in the aggregate principal amount of \$\_\_\_\_\_, and shall contain substantially the terms recited in the Project Finance Agreement. The EFC Bonds shall each be dated their date of delivery to EFC.

(b) The Authority shall cause a copy of the text of the opinion of Bond Counsel delivered in connection with the original issuance of the EFC Bonds to be delivered to the Trustee.

(c) The Authority shall issue the EFC Bonds upon the execution of this Third Supplemental Trust Indenture. The Trustee shall authenticate and deliver the EFC Bonds upon receipt of written direction from the Authority to do so.

(d) The EFC Bonds constitute Additional Parity Indebtedness.

Section 2.02. Disposition of Proceeds of EFC Bonds. Proceeds of the EFC Bonds shall be dispersed as provided for in the Project Finance Agreement.

ARTICLE III

MISCELLANEOUS

Section 3.01. Illegal, etc. Provisions Disregarded. In case any provision in this Third Supplemental Trust Indenture or the EFC Bonds shall for any reason be held invalid, illegal or unenforceable in any respect, this Third Supplemental Trust Indenture or the EFC Bonds, as the case may be, shall be construed as if such provision had never been contained herein or therein.

Section 3.02. Notices. Except as otherwise provided herein, any notice, request, complaint, demand, communication or other paper shall be sufficiently given and shall be deemed given when delivered or mailed by first class mail, postage prepaid, or sent by telegram or telex, addressed to the parties as follows:

Authority: Dutchess County Water and Wastewater Authority  
27 High Street  
Poughkeepsie, New York 12601  
Attention: Executive Director

Trustee: Manufacturers and Traders Trust Company Corporate Trust  
and Agency Services  
One M&T Plaza  
Buffalo, New York 14203-2399  
Attention: Corporate Trust

The above parties may, by notice given hereunder, designate any further or different addresses to which subsequent notices, certificates or other communications shall be sent.

Section 3.03. Successors and Assigns. All the covenants, promises and agreements in this Third Supplemental Trust Indenture contained by or on behalf of the Authority, or by or on behalf of the Trustee, shall bind and inure to the benefit of their respective successors and assigns, whether so expressed or not.

Section 3.04. Headings for Convenience Only. The descriptive headings in this Third Supplemental Trust Indenture are inserted for convenience only and shall not control or affect the meaning or construction of any of the provisions hereof.

Section 3.05. Counterparts. This Third Supplemental Trust Indenture may be executed in any number of counterparts, each of which when so executed and delivered shall be an original; but such counterparts shall together constitute but one and the same instrument.

Section 3.06. Applicable Law. This Third Supplemental Trust Indenture shall be governed by and construed in accordance with the laws of the State of New York.

Section 3.07. Designation of Paying Agent for EFC Bonds. The Trustee is hereby designated as Paying Agent for the EFC Bonds.

IN WITNESS WHEREOF, DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY has caused this Third Supplemental Trust Indenture to be executed by its Chairman and its corporate seal to be hereunto affixed, attested by its Secretary, and Manufacturers and Traders Trust Company has caused this Third Supplemental Trust Indenture to be executed by one of its authorized officers, all as of the day and year first above written.

(AUTHORITY SEAL)

DUTCHESS COUNTY WATER AND  
WASTEWATER AUTHORITY

Attest: \_\_\_\_\_

By: \_\_\_\_\_

Secretary

Chairman

MANUFACTURERS AND TRADERS  
TRUST COMPANY, as Trustee

By: \_\_\_\_\_

Assistant Vice President



