

DUTCHESS COUNTY

WATER AND WASTEWATER AUTHORITY



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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

DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WEDNESDAY, September 21, 2016
3:30 P.M.

PROPOSED AGENDA

1. Meeting Open – Introductions
2. Public Comment
3. Approval of Minutes
 - August 17, 2016 Board Meeting (R2016.09.A)
4. Chairman’s Report
5. Operations
 - Operations Report
 - Global Foundries Assignment
 - Office Space Relocation
6. Finance Report
 - Approval of Warrant (R2016.09.B)
 - Tax Compliance Procedures Policy (R2016.09.C)
 - Authorize the Extension of the Maturity Date of the Authority’s SHW EFC Note (R2016.09.D)
 - Approval of 2017 Tentative Benefit Assessment Levy (R2016.09.E)
 - NYS Comptroller Audit Status
7. Capital Projects
 - SHW Improvement Projects Status
 - VDS WWTP Rehab Construction Status
 - CCS WWTP Rehab Construction Status
 - Dutchess County Airport Independent Construction Cost Estimate
 - Dutchess County Airport Subsurface Exploration Contract PWC-CDWTL-2016-E1 Change Order No. 1 (R2016.09.F)
 - GFS WWTP Rehab Project Status
8. Community Projects
 - Hoffman (Red Hook Acres) Water and Sewer
 - Community Projects Memo
9. Confirm next Board Meeting date - Wednesday, October 19, 2016
10. Adjourn

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

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**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
UNAPPROVED - MINUTES OF AUGUST 17, 2016**

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Executive Director

Mary C. Morris
Deputy Director

Board Members Present

Tom LeGrand
Vince DiMaso
Larry Knapp
Mike Cotton

Staff Present

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

Board Members Absent

Rudy Vavra

Ex-Officio

Eoin Wrafter – Commissioner of Dutchess County Planning
and Development

Others Present

Don Sagliano – Legislative Liaison
Brian Scoralick – Dutchess County Soil and Water Conservation
Dan Keeler – Dutchess County Department of Health

Meeting Open

Chairman Tom LeGrand opened the meeting at 3:10 p.m.

Public Comment

There were no members of the public present

Approval of Board Meeting Minutes

Vince made a motion to approve the minutes of the July 20, 2016 board meeting. The motion was seconded by Larry; voted on and passed unanimously. (Res.2016.08.A/01)

Mike made a motion to approve the minutes of the August 27, 2016 Special Board Meeting. The motion was seconded by Larry; voted on and passed unanimously. (Res.2016.08.B/02)

Chairman's Report

Tom advised the Board that the Authority is being audited by the New York State Comptroller's office. Prior to today's board meeting, he, Bridget and Mary met with the auditors. This process will last two months or more and will greatly impact staff workloads.

Operations Report

The Operations report was included in the package.

Global Foundries Assignment Request

Bridget said a copy of the term sheet provided by the Town of East Fishkill and Global Foundries was included in the package. We responded to the Supervisor and Global Foundries by letter and are now awaiting their response.

Office Space Relocation

Bridget said staff has been looking into potential office space on in Hyde Park. A cost proposal has been obtained in the amount of \$6,000 for a preliminary layout and budgetary estimate to retrofit the space for our purposes.

Approval of HPR Alum Sludge Removal Contract

Vince made a motion that the Executive Director or Deputy Director is authorized to execute a contract with Duffy Layton Contracting, for the removal and disposal of a maximum of 1,100 tons of waste Alum sludge, at \$31.00 per ton, for a not to exceed value of \$34,100. This was seconded by Larry and passed unanimously. (Res.2016.08.C/03)

Approval of CCS Replacement Boiler Contract

Vince made a motion that the Executive Director or Deputy Director is authorized to execute a contract with DJ Heating and Air Conditioning, Inc. for the purchase and installation of a replacement boiler at the Chelsea Cove Sewer Plant for the amount of \$15,703. This was seconded by Larry and passed unanimously. (Res.2016.08.D/04)

Approval of CCS RBC Repair Contract

Larry made a motion that the Executive Director or Deputy Director is authorized to execute Amendment #1 to the contract with Darlington Equipment Company to add the repair of the concrete support wall and change the repair of the drive end shaft to a replacement with a new shaft for a total cost not to exceed \$27,885. (Res.2016.08.E/05)

Finance Report – Approval of Warrant

Mary said there was an amendment to the warrant in the amount of \$10,000 to the County for office space rent. Larry made a motion to accept the warrant as amended; seconded by Vince voted on and passed unanimously. (Res.2016.08.F/06)

Agreement Renewal with Rose & Kiernan Insurance Services

Vince made a motion that the Dutchess County Water and Wastewater Authority hereby consents to amending the agreement with Rose and Kiernan, Inc. of Fishkill, NY for Insurance Consulting and Broker Services dated November 1, 2012 to be extended through the 2017 calendar year for a fee not-to-exceed \$20,000 (twenty thousand dollars) with additional amounts as adjusted by the contract, and authorizes the Authority's Executive Director or Deputy Director to execute a letter amending the original 2012 executed agreement for the same. This was seconded by Larry; voted on and passed unanimously. (Res.2016.08.G/07)

Workers Compensation Board Audit

Mary said the Authority is audited yearly by the New York Workers Compensation Board. The audit takes about 3-4 hours and will be done in the Authority office this week.

Capital Projects – Hyde Park WTF Instrumentation and Control Phase 1 Engineering Design

Bridget said this project was put back on the agenda for discussion. Larry made a motion to approve retaining low bidder Delaware Engineering, for the Hyde Park WTF Instrumentation and Control Phase 1 Engineering Design for the not-to-exceed amount of \$88,650. This was seconded by Vince; voted on and passed unanimously. (Res.2016.08.J/10)

Shore Haven Improvement Projects Status

The Shore Haven Status memo was included in the package. Staff held the pre-construction meeting with Grant Street for the distribution system work, KC Engineering as the construction administration services, and Weston and Sampson there as the design engineer.

Amendment #1 to 2015 SHW General Engineering Services Agreement – Savin Engineers

Larry made a motion that the Authority Board hereby authorizes the Executive Director or Deputy Director to execute the necessary amendment to the 2015 Shore Haven Water System General Engineering Services Agreement with Savin Engineers, P.C. to incorporate the requisite EEO and M/WBE contract provisions. This was seconded by Vince; voted on and passed unanimously. (Res.2016.08.H/08)

GFS I&I Investigations RFP Process

A memo was included in the package. Bridget outlined the Greenfields Sewer System Inflow and Infiltration Investigation for the Board and the intention to solicit for proposals for professional services to evaluate Inflow and infiltration issues.

DC Airport Water Line construction Services RFP Process

Bridget advised the Board of the proposed process and time frame to retain Construction Administration services for the DC Airport water line. This is currently funded in part by a grant from Empire State Development to the County. Staff will also be soliciting MWBE Construction Administration firms.

ACSD Amendment to MOU

Larry made a motion that contingent upon ACSD acceptance of the project cost estimate, the Authority Board hereby authorizes it's Executive Director or Deputy Director to execute the Amendment to the ACSD MOU in substantially the same form as presented herein to the Authority Board. This was seconded by Vince; voted on and passed unanimously. (Res.2016.08.I/09)

Community Projects – Red Hook Acres

Bridget advised the Board that there had been no changes.

Hyde Park Route 9G Area Water Service Request

A memo outlining this request was included in the package. There was a consensus among the Board to proceed with an initial internal feasibility analysis.

Meadows at Pawling Sewer

Bridget said this is a small development project in the Town of Pawling. They are asking that the Authority be the backup for the private sewer Transportation Corporation which would require the approval of the Pawling Town Board. Further information is needed.

Public Comment

There was no public comment.

Confirm next meeting date

Tom confirmed the next meeting date of September 21, 2016.

Motion to Adjourn

Tom asked for a motion to adjourn at 4:30 p.m. Larry made the motion; seconded by Vince and passed unanimously. (Res.2016.08.J/10)

Respectfully submitted,



Jackie Burger
Senior Typist

Resolutions

- Res. 2016.08.A/01 Motion to approve minutes from the July 20, 2016 board meeting
- Res. 2016.08.B/02 Motion to approve minutes from the July 27, 2016 special board meeting
- Res. 2016.08.C/03 Motion to approve HPR Alum Sludge Removal Contract
- Res. 2016.08.D/04 Motion to approve CCS Replacement Boiler Contract
- Res. 2016.08.E/05 Motion to approve CCS RBC Repair Contract
- Res. 2016.08.F/06 Motion to approve the warrant as amended

Res. 2016.08.G/07

Res. 2016.08.H/08

Res. 2016.08.I/09

Res. 2016.08.J/10

Motion to approve contract extension with Rose & Kiernan

Motion to amendment #1 to the 2015 SHW General Engineering Services Agreement – Savin Engineers

Motion to approve ACSD amendment to MOU

Motion to adjourn

Resolution Package – Not for Release

Summary of Possible Motions for September 21, 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 – August 17, 2016 Board Meeting (R2016.09.A)
2. Approval of Warrant (R2016.09.B)
3. Tax Compliance Procedures Policy (R2016.09.C)
4. Authorize the Extension of the Maturity Date of the Authority's SHW EFC Note (R2016.09.D)
5. Approval of 2017 Tentative Benefit Assessment Levy (R2016.09.E)
6. Dutchess County Airport Subsurface Exploration Contract PWC-CDWTL-2016-E1 Change Order No. 1 (R2016.09.F)

RESOLUTION NO. 2016.09.A

**Authority Board – DCWWA
September 21, 2016 meeting**

APPROVAL OF MINUTES – AUGUST 17, 2016 BOARD MEETING

_____ offers the following resolution and moves its adoption:

Approval of minutes of August 17, 2016 Board Meeting

Seconded by _____

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

APPROVAL OF WARRANT

_____ offers the following resolution and moves its adoption:

Approval of warrant, as presented

Seconded by _____

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

TAX COMPLIANCE PROCEDURES POLICY

_____ offers the following resolution and moves its adoption:

WHEREAS; the Authority from time to time issues tax exempt bonds, including to the New York State Environmental Facilities Corporation (NYSEFC), and

WHEREAS; the Authority is subject to certain applicable post-issuance requirements of the federal income tax law needed to preserve the tax-exempt status of those bonds for as long as they remain outstanding, and

WHEREAS; Tax Counsel to the NYSEFC requires, as a condition of issuance if tax exempt bonds to the NYSEFC, that the Authority adopt formal policies and procedures establishing the actions it will take to comply with post-issuance requirements, and

WHEREAS; the attached “Post-Issuance Tax Compliance Policy and Procedures” has been provided by NYSEFC Tax Counsel, and reviewed on the Authority’s behalf by Authority Bond Counsel Orrick Public Finance, and

WHEREAS; the Authority Board has reviewed and concurs with the recommended policy as attached,

THEREFORE BE IT RESOLVED THAT; the Authority Board hereby adopts the attached Post-Issuance Tax Compliance Policy and Procedures as presented.

Seconded by _____

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

**RESOLUTION AUTHORIZING THE EXTENSION OF THE MATURITY DATE OF THE
AUTHORITY’S E.F.C. DRINKING WATER FACILITY NOTE – 2013A 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 issued its EFC Drinking Water Facility Note – 2013A (the “Note”) pursuant to the Act in the aggregate maximum principal amount of \$2,757,441 (i) to undertake capital improvements to the Shore Haven Water System, and (ii) to pay costs of issuance, and

WHEREAS; the Authority has been informed by the New York State Environmental Facilities Corporation (“EFC”) that in order to allow time to complete the project they are willing to extend the maturity date of the Note from September 26, 2016 to September 26, 2018, and

WHEREAS; in order to evidence this, the Authority will need to issue a new Note to EFC and execute various documents in connection therewith, and

WHEREAS; it is now desired to authorize the issuance of the Note with a new maturity date 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 the Note, pursuant to an amendment to the Fourteenth Supplemental Resolution to that certain 1998 Water System General Revenue Bond Resolution, dated as of June 1, 1998 by and between the Authority and the Bank of New York Mellon (the “Trustee”), and in accordance with Amendment Number One, dated as of September 22, 2016 to the Project Finance Agreement, dated as of September 26, 2013.

Section 2. The form and substance of the amendment to the Fourteenth Supplemental Resolution (in substantially the form presented to this meeting) is hereby approved.

Section 3. The Authority is hereby authorized to issue, execute and deliver the Note to EFC.

Section 4. (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 amendment to the Fourteenth Supplemental Resolution, Amendment Number One to Project Finance Agreement and the Note, 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 to execute, on behalf of the Authority, any Financing Documents (hereinafter defined).

Section 5. 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 Note, the Amendment Number One to 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 6. This resolution shall take effect immediately and the Note is hereby ordered to be issued in accordance with this resolution.

Seconded by _____

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

APPROVAL OF 2017 TENTATIVE BENEFIT ASSESSMENT LEVY

_____ offers the following resolution and moves its adoption:

WHEREAS; in accordance with the Service Agreements between the Authority and Dutchess County on Behalf of the Water District and Part-County Sewer Districts, Dutchess County raises monies through the levying of benefit assessments on properties within Water District Zones of Assessment and Part-County Sewer Districts, sufficient to pay to the Authority, as the Service Fee, funds needed to pay debt service and related administrative expenses for Authority bonds issued to fund acquisition and capital improvements for the respective Zones and Districts, and

WHEREAS; the Authority is responsible for the preparation of the Estimate of Debt Service Expenditures and Revenue Needs and the Tentative Assessment Rolls for all Zones of Assessments and Part-County Sewer Districts, and submittal of same to the Clerk of the Legislature on or before September 15, and

WHEREAS; staff has prepared said documents for the 2017 levying of benefit assessments in accordance with the provisions of the Service Agreements and the benefit assessment methodologies previously established for each Zone of Assessment and Part-County Sewer District, and

WHEREAS; the Board has reviewed, in summary form, the estimated expenditures and revenues, and tentative benefit unit counts and rates for each Zone of Assessment and Part-County Sewer District,

THEREFORE BE IT RESOLVED THAT; the Authority Board authorizes the Executive Director to submit to the Clerk of the Legislature the Estimate of Debt Service Expenditures and Revenue Needs and the Tentative Assessment Rolls for all Zones of Assessments and Part-County Sewer Districts.

Seconded by _____

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

**DUTCHESS COUNTY AIRPORT SUBSURFACE EXPLORATION CONTRACT
PWC-CDWTL-2016-E1 CHANGE ORDER No. 1**

_____ offers the following resolution and moves its adoption:

WHEREAS; work has been completed and final quantities have been established for Contract No. PWC-CDWTL-2016-E1, and

WHEREAS; the final quantities result in a total contract cost of \$78,575.32, a reduction of \$20,590.08 from the maximum authorized contract cost of \$99,165.40, 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; the Executive Director or Deputy Director is authorized to execute Change Order No. 1 for the contract with Aztech Technologies, Inc., Ballston Spa, NY reducing the total contract amount by \$20,590.08 and establishing a final contract cost of \$78,575.32 for the Dutchess County Airport Water Line Project, Contract No. PWC-CDWTL-2016-E1 – Subsurface Exploration.

Seconded by _____

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

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
September 21, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<u>Arbors Water System</u>						
ABW16018 *	City of Poughkeepsie	2nd Quarter 2016	20,078.24			
ABW16019	Smith Environmental Laboratory	Labs: June 2016	339.00			
ABW16020	Byrnes Message Bureau, Inc.	Answering service: August 2016	62.68			
	SUBTOTAL		20,479.92			
<u>Benefit Assessment</u>						
BEN16008	Drake, Loeb, Heller, etal.	Professional services: T Rex (July 2016)	7,064.90	30,000.00	17,347.04	57.82%
	SUBTOTAL		7,064.90			
<u>Birch Hill Water System</u>						
BHW16059	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	858.00	10,296.00	6,864.00	66.67%
BHW16060	Smith Environmental Laboratory	Labs: June 2016	2,879.45			
BHW16061	VRI Environmental Services, Inc.	Low PSI tank level/power failure: 08/14/16	160.48			
BHW16062	NYSEG	Electric service:6/16/16-8/16/16 (1003 1922 494)	1,069.88			
BHW16063	Frontier Communications	Telephone service: 8/25/16 -9/24/16 (227 6847)	45.04			
	SUBTOTAL		5,012.85			

DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
September 21, 2016

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<u>Chelsea Cove Sewer System</u>						
CCS16119	VRI Environmental Services, Inc.	Muffin monster not working: 07/31/16	80.00			
CCS16120	Frontier Communications	Telephone service: 8/7/16-9/6/16 (2265492)	42.48			
CCS16121	NYSEG	Electric service:7/13/16-8/10/16 (10010243847)	2,026.08			
CCS16122	Royal Carting Service Co.	Monthly Refuse Removal: Aug 2016	76.59			
CCS16123	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	2,858.58	34,303.00	22,868.64	66.67%
CCS16124	Earthcare - All County Division	Sludge removal: 8/3/16 +8/4/16	5,000.00			
CCS16125	VRI Environmental Services, Inc.	High alarm/pull pumps/RBC leaking/Pumps high amps: 08/01/16	1,431.30			
CCS16126	VRI Environmental Services, Inc.	Pull and clear pumps: 08/09/16	255.78			
CCS16127	VRI Environmental Services, Inc.	New plug for dewatering pump	9.31			
CCS16128	USA BlueBook	Klein cl clamp meter	81.73			
CCS16129 **	Black Electric, Inc.	CCS WWTP Rehab: Payment Request #6	6,175.00	559,500.00	309,367.50	55.29%
CCS16130 ** *	OCS Industries, Inc.	Construction in progress:CCS WWTP Rehab #3	76,855.00	2,310,469.00	933,517.69	40.40%
CCS16131	Morris Associates Engineering Consult, PLLC.	Prof Services: System engineering for RBC	1,097.40	35,000.00	1,097.40	3.14%
CCS16132	Morris Associates Engineering Consult, PLLC.	Prof Services: CCS WWTP Const Admin Design 7/17-8/13/16	1,302.21	342,340.00	322,122.30	94.09%
CCS16133 ** *	OCS Industries, Inc.	Construction in progress:CCS WWTP Rehab #4	115,425.00	2,310,469.00	1,048,942.69	45.40%
CCS16134 *	Morris Associates Engineering Consult, PLLC.	Prof Services: CCS WWTP Construction Administration (#9)	15,395.46	137,220.00	81,622.40	59.48%
CCS16135	Earthcare - All County Division	Sludge removal: 8/1/16	525.00			
CCS16136 *	Darlington Equipment Company	RBC: Remove existing drive/bearing, supply and install new	27,885.00			
SUBTOTAL			256,521.92			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
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September 21, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<u>Dalton Farms Sewer System</u>						
DFS16117	Frontier Communications	Telephone service: 8/7/16-9/6/16 (223 3038)	47.67			
DFS16118	NYSEG	6/14/16-8/12/16(10010243581/5041113/5040438/10025452078)	3,573.14			
DFS16119	Verizon	Telephone service: 8/7/16-9/6/16 (7243574)	24.20			
DFS16120	Earthcare - All County Division	Sludge removal: 8/8/16	1,000.00			
DFS16121	Royal Carting Service Co.	Monthly Refuse Removal: Aug 2016	163.35			
DFS16122	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	3,602.42	43,229.00	28,819.36	66.67%
DFS16123	VRI Environmental Services, Inc.	A/C power failure: 08/07/16	481.44			
DFS16124	NYSEG	Electric service: 6/16/16-8/16/16 (1001 0959 681)	309.11			
DFS16125	Chazen Eng. Land Surveying and Landscaping	Professional services: Plum Court lift station easement survey	3,250.00	13,000.00	4,976.80	38.28%
DFS16126	MARTIN, SAMUEL & ALICIA	Refund of overpayment at Closing	127.98			
DFS16127	Frontier Communications	Telephone service: 8/24/16-9/24/16	11.33			
DFS16128	Frontier Communications	Telephone service: 8/24/16-9/24/16	2.70			
DFS16129	Earthcare - All County Division	Sludge removal: 8/22+23/16	3,000.00			
DFS16130 ** *	DJ Heating and Air Conditioning, Inc.	DFS HVAC: Payment #1	71,058.10	99,900.00	71,058.10	71.13%
SUBTOTAL			86,651.44			
<u>Dalton Farms Water System</u>						
DFS16126	MARTIN, SAMUEL & ALICIA	Refund of overpayment at Closing	143.72			
DFW16038	Frontier Communications	Telephone service: 8/7/16-9/6/16 (223 7653)	33.59			

DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
September 21, 2016

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
DFW16039	NYSEG	Electric service: 6/14/16-8/11/16 (1001 5040 446/5042 020)	3,662.18			
DFW16040	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	1,462.75	17,553.00	11,702.00	66.67%
DFW16041	VRI Environmental Services, Inc.	No power to wells/PLC failure: 08/13/16	1,633.66			
DFW16042	VRI Environmental Services, Inc.	Wells not running in auto	213.15			
SUBTOTAL			7,149.05			
 <u>Fairways Sewer</u>						
FAS16018	Central Hudson Gas & Electric	Electric service:7/8/16-8/8/16(58122190018/2145012/2405010)	143.36			
FAS16019	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	238.25	2,859.00	1,906.00	66.67%
FAS16020	NYS Dept. of Env. Conservation	SPDES ID 3-1348-00055/00011	110.00			
SUBTOTAL			491.61			
 <u>Fairways Water</u>						
FAW16015	Central Hudson Gas & Electric	Electric service:7/5/16-8/5/16(56742480017)	276.68			
FAW16016	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	551.67	6,620.00	4,413.36	66.67%
SUBTOTAL			828.35			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
September 21, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<u>Greenbush Water</u>						
GBW16020	Central Hudson Gas & Electric	Electric service: 7/11/16-8/8/16(51480448011)	56.53			
GBW16021	Smith Environmental Laboratory	Labs: June 2016	147.25			
SUBTOTAL			203.78			
<u>Greenfields Sewer</u>						
GFS16074	Central Hudson Gas & Electric	Electric service:7/6/16-8/4/16 (5662 0740 01 1)	437.91			
GFS16075	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	3,655.50	42,568.89	27,946.89	65.65%
GFS16076	Royal Carting Service Co.	Monthly Refuse Removal: Aug 2016	117.00			
GFS16077	not used					
GFS16078	TELOG Instruments, Inc.	Recorder/current loop/single channel/cable	708.62			
GFS16079	VRI Environmental Services, Inc.	Power failure: 08/22/16	80.24			
GFS16080	T&B Engineering, PC	Professional Services: Greenfield WWTP Rehab #2	5,848.50	181,900.00	9,668.75	5.32%
GFS16081	Amrex	Chemicals: Hypochlorite	225.00			
GFS16082	VRI Environmental Services, Inc.	Unclog influent line: 08/19/16	355.78			
GFS16083	USA BlueBook	Hach powder pillows	32.00			
GFS16084 E	Earthcare - All County Division	4 Hours point to point	1,137.50			
GFS16085 E	J. Angelo Industries	Sludge removal: 8/17/16	1,760.00			
GFS16086 E	J. Angelo Industries	Sludge removal: 8/22/16	1,000.00			
SUBTOTAL			15,358.05			

DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
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<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<u>Greenfields Water</u>						
GFW16034	VRI Environmental Services, Inc.	Low pressure at 16 Wagon Wheel Rd: 08/04/16	731.82			
GFW16035	Central Hudson Gas & Electric	Electric service: 7/6/16-8/4/16 (5662 0750 01 0)	573.24			
GFW16036	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	1,872.25	21,802.65	14,313.65	65.65%
GFW16037	Constellation New Energy inc	CNE 1-7FP-2490 CNE1-XKNLSL (6/2/16-7/6/16 +7/6/16-8/3/16)	2,647.28			
GFW16077	USA BlueBook	Gloves/hach sample	100.21			
SUBTOTAL			5,924.80			
<u>General</u>						
GEN16167	Paychex, Inc.	Administrative Services: Pay Period ending 08/05/16	733.27			
GEN16169	UPS	Mailings: 7/27/16+8/3/16	19.62			
GEN16170	Employee Benefits Division	Health Insurance Premium: Sept 2016	20,362.49			
GEN16171	Staples Credit Plan	Pens/ manila/ PM Singleply imp	50.06			
GEN16172	MVP Health Care, Inc.	September 2016 Health insurance	5,580.19			
GEN16173	NYS Deferred Compensation Plan	Deferred Compensation: Paydate 8/26/16	1,330.00			
GEN16174	DC Commissioner of Finance	Printing	20.00			
GEN16175	AFLAC	Insurance Coverage: August 2016	309.48			
GEN16176	Vanacore,DeBenedictus, DiGiovanni & Weddell	Review bond doc/prep bond entires/review audit /OSC audit mtg	1,468.75			
GEN16177	NYS & Local Emp. Ret. System	Retirement System Monthly Reporting: August 2016	2,323.85			
GEN16178	Paychex, Inc.	Administrative Services: Pay Period ending 08/19/16	733.27			
GEN16179	Paychex, Inc.	Administrative Services: Pay Period ending 09/02/16	733.27			
GEN16180	Environmental Systems Research Inst.	ArcGIS Annual Maintenance lic	3,400.00			
GEN16181	M & T Bank	Bank check for National Safety Council (dc/ml/gg/lm/pt/fz/rw)	112.00			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
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<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
GEN16182	DC Commissioner of Finance	Mail August 2016	263.21			
SUBTOTAL			37,439.46			
 <u>Hyde Park Regional Water System</u>						
HPR16239	Cablevision	Internet service: 8/16/16-9/15/16	209.69			
HPR16240	Central Hudson Gas & Electric	Electric service:7/12/16-8/11/16 (53242580008)	36.44			
HPR16241	Central Hudson Gas & Electric	Electric service:7/7/16-8/5/16 (5662 0730 01 2)	35.09			
HPR16242	Amrex	Chemicals: Hypochlorite	232.00			
HPR16243	Pendragon LLC	Technical support for Unitronics program	280.00			
HPR16244	Royal Carting Service Co.	Monthly Refuse Removal: Aug 2016	41.40			
HPR16245	Ulster Uniform Service, Inc.	Uniforms: August 2016	320.50			
HPR16246	Wex Inc.	Fuel for vehicles: July 2016	1,059.61			
HPR16247	Chickery's Auto Repair	Change oil/top fluids	46.95			
HPR16248	Chickery's Auto Repair	Change oil/top fluids/service transmission	420.60			
HPR16249	Carmel Win Water Works	Copper gasket	16.68			
HPR16250	A-1 Communications, Inc.	Replace radio 7/26/16	375.00			
HPR16251	Home Depot Credit Services	Miscellaneous Supplies: Turf sun/shade	420.88			
HPR16252	Verizon	Telephone service: 8/10/16-9/9/16 (2291117/2299233)	141.71			
HPR16253	Verizon Wireless	Cell phone service: 8/13/15/-9/12/16	150.43			
HPR16254	Central Hudson Gas & Electric	Electric service:7/14/16-8/15/16 (56640195006/53272710004)	313.42			
HPR16255	Chickery's Auto Repair	Change oil/top fluids	59.95			
HPR16256	Chemtrade Chemicals Corporation	Chemicals: Alum Sulfate liquid	2,793.10			
HPR16257	Leisure Tech Supply	Carboys	123.70			
HPR16258	Ross Valve Mfg. Co., Inc.	Annual service of atlitude, pressure relief/reducing valves	2,232.44			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
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<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
HPR16259	H.A. Schreck, Inc.	Remove /repair/reinstall US electric motor	5,897.50			
HPR16260	Central Hudson Gas & Electric	Electric service: 7/21/16-8/21/16 (53503800004)	74.60			
HPR16261	USA BlueBook	Circular chart paper/sample/suction valve/curb box key	623.34			
HPR16262	Verizon Wireless	Modem line 7/24/16-8/23/16	17.66			
HPR16263	Central Hudson Gas & Electric	Electric:7/27/16-8/25/16 (56171635016/3730013/4600017)	6,664.64			
HPR16264	Swartz Architecture, DPC	Prof Serv: Exterior Maintenance and Repair of Buildings	2,245.52	39,604.00	31,466.77	79.45%
HPR16265 ** *	PCC Contracting, Inc	HPR/CDW building exterior maintenance and repair #2	29,545.00	157,200.00	32,304.00	20.55%
HPR16266	Wex Inc.	Fuel for vehicles: August 2016	1,146.52			
HPR16267	Schmidt's Wholesale, Inc.	Adjustable valve box risers	170.38			
HPR16268	Chickery's Auto Repair	Change oil/top fluids/Inspection	83.95			
HPR16269	Conway's Lawn & Power Equipmnt	Blade/sharpen/oil/filter/new trimmer/repair tire	593.46			
HPR16270	Williams Lumber & Home Centers	Misc equipment and supplies: August 2016 (all systems)	245.32			
HPR16271	Smith Environmental Laboratory	Labs: June 2016	1,564.50			
SUBTOTAL			58,181.98			
 <u>Pinebrook Sewer System</u>						
PBS16043	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	1,534.58	18,415.00	12,276.64	66.67%
PBS16044	Central Hudson Gas & Electric	Electric service:7/14/16-8/15/16 (56640248037)	386.38			
PBS16045 ** *	Rennia Engineering Design, PLLC	PBS WWTP Replacement #2	19,008.73	168,245.00	38,008.73	22.59%
SUBTOTAL			20,929.69			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
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<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<u>Pinebrook Water System</u>						
PBW16032	Ti-Sales	Neptune meter 6 5/8x3/4	1,343.40			
PBW16033	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	1,023.08	12,277.00	8,184.80	66.67%
PBW16034	VRI Environmental Services, Inc.	Repipe well line	631.92			
PBW16035	Central Hudson Gas & Electric	Electric service7/14/16-8/15/16 (5664 0245 03 3)	205.97			
SUBTOTAL			3,204.37			
<u>Quaker Hills Water</u>						
QHW16031	Central Hudson Gas & Electric	Electric service:7/6/16-8/4/16(5662 0810 01 2)	289.61			
QHW16032	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	752.25	9,027.00	6,018.00	66.67%
QHW16033	USA BlueBook	Testing chemicals	56.56			
QHW16034	VRI Environmental Services, Inc.	Power failure: 08/22/16	80.24			
SUBTOTAL			1,178.66			
<u>Rokeby Water System</u>						
RKW16024	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	618.50	7,422.00	4,948.00	66.67%
RKW16025	Central Hudson Gas & Electric	Electric service:7/21/16-8/24/16 (58101880019)	143.07			
SUBTOTAL			761.57			

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<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<u>Schreiber</u>						
DSW16016	NYSEG	Electric service: 7/13/16-8/11/16 (10011912549)	28.90			
DSW16017	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	482.67	5,792.00	3,861.36	66.67%
DSW16018	USA BlueBook	Hach sample	58.12			
SUBTOTAL			569.69			
<u>Shore Haven Water System</u>						
SHW16044	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	860.92	10,331.00	6,887.36	66.67%
SHW16045	VRI Environmental Services, Inc.	Power failure: 08/12/16	60.18			
SHW16046	NYSEG	Electric service:6/17/16-8/17/16 (10032103375)	928.16			
SHW16047	USA BlueBook	Pump	300.18			
SHW16048	Weston & Sampson Engineers, Inc.	Professional services: Shorehaven Water Dist Improvement #23	2,325.00	144,245.00	132,686.27	91.99%
SHW16049 **	Morris Associates Engineering Consult, PLLC.	Prof Services: Treatment System Construction Administration #1	1,133.70	84,070.00	1,133.70	1.35%
SHW16050	Amrex	Chemicals: Hypochlorite	62.00			
SUBTOTAL			5,670.14			
<u>Central Dutchess Water Transmission Line</u>						
CDW16167	Paychex, Inc.	Administrative Services: Payroll Period ending 08/05/16	9.93			
CDW16168	Time Warner Cable	Internet service: 8/19/16-9/18/16 (8150410150093567)	103.97			

DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
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<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
CDW16169	Central Hudson Gas & Electric	Electric service: 7/7/16-8/8/16 (50624675000)	39.47			
CDW16170	Royal Carting Service Co.	Monthly Refuse Removal: Aug 2016	36.23			
CDW16171	Wex Inc.	Fuel for vehicles: July 2016	170.66			
CDW16172	Protective Power Systems & Controls, Inc.	Minor generator maintenance	200.00			
CDW16173	Smith Environmental Laboratory	Labs: June 2016	266.00			
CDW16174	USA BlueBook	Freight on a return	14.63			
CDW16175	Cablevision	Internet service: 8/23/16-9/22/16	141.50			
CDW16176	MVP Health Care, Inc.	September 2016 Health insurance	1,594.34			
CDW16177	NYS Deferred Compensation Plan	Deferred Compensation: Paydate 8/26/16	500.00			
CDW16178	Verizon	Telephone service:8/10/16-9/9/16 (4710917)	226.37			
CDW16179 *	City of Poughkeepsie	Water: July 2016	131,537.28			
CDW16180	Swartz Architecture, DPC	Prof Serv: Exterior Maintenance and Repair of Buildings	2,245.53	39,604.00	33,712.30	85.12%
CDW16181 ** *	PCC Contracting, Inc	HPR/CDW building exterior maintenance and repair #2	29,545.00	157,200.00	61,849.00	39.34%
CDW16182	NYS & Local Emp. Ret. System	Retirement System Monthly Reporting: August 2016	312.14			
CDW16183	Wex Inc.	Fuel for vehicles: August 2016	139.54			
CDW16184	Leisure Tech Supply	Chlorine	51.90			
CDW16185	Goodyear Auto Service Center	Tire/mount and balance	127.51			
CDW16186	Paychex, Inc.	Administrative Services: Payroll Period ending 08/19/16	9.93			
CDW16187	Paychex, Inc.	Administrative Services: Payroll Period ending 08/19/16	9.93			
CDW16188	DC Commissioner of Finance	Mail August 2016	11.07			
CDW16189 *	City of Poughkeepsie	Water: August 2016	131,187.28			
	SUBTOTAL		298,480.21			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
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<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<u>VALLEY DALE SEWER SYSTEM</u>						
VDS16055	VRI Environmental Services, Inc.	Install contactor on Pump #1: 07/29/16	127.50			
VDS16056	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	1,370.75	16,449.00	10,966.00	66.67%
VDS16057	KC Engineering & Land Surveying PC	Construction in Progress - WWTP Rehabilitation and Repair #1	2,087.50	52,260.00	2,087.50	3.99%
VDS16059	VRI Environmental Services, Inc.	Diagnose PL starter: 08/19/16	85.26			
VDS16060	Central Hudson Gas & Electric	Elec Serv: 7/22/16-8/23/16 (56530702002/0700014/0701004)	435.27			
	SUBTOTAL		4,106.28			
<u>VALLEY DALE WATER SYSTEM</u>						
VDW16026	USA BlueBook	Filters	442.76			
VDW16027	VRI Environmental Services, Inc.	Operations and Maintenance: August 2016	518.25	6,219.00	4,146.00	66.67%
VDW16028	VRI Environmental Services, Inc.	Sandfilter not back washing: 08/11/16	149.21			
VDW16029	Central Hudson Gas & Electric	Electric service: 7/22/16-8/23/16 (5653 0700 01 4)	705.04			
VDW16030	Amrex	Chemicals: Hypochlorite	74.00			
	SUBTOTAL		1,889.26			
<u>Violet Ave Water</u>						
	None this warrant					
	SUBTOTAL		0.00			
	TOTAL WARRANT		838,097.98			
*	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: September 13, 2016
 RE: August 2016 Systems Operation Report

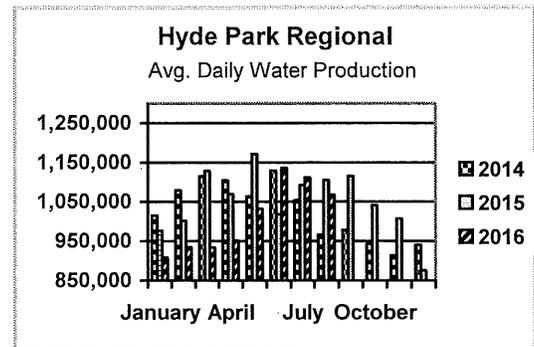
*Present: F. Dongo, R. Doyle, J. McLaughlin, D. Odell, S. Osborne,
 A. Petit, P. Scofield, R. Winchester, F. Zanetti,*

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

Average daily usage: August- 1,068,000
 July- 1,112,000 June- 1,136,000
 All testing aspects are in compliance.

Action Items:

- Crum Elbow main completed, all inspections and testing satisfactory

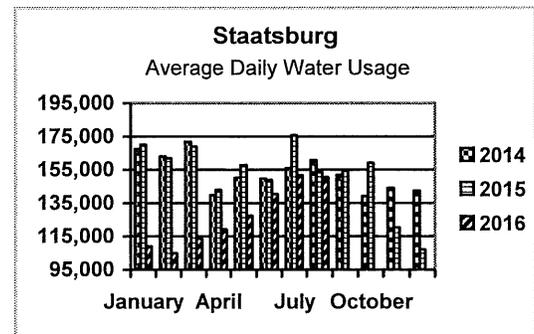


2. Staatsburg Water (Zone C)

Average daily usage: August- 150,700
 July- 151,800 June- 140,600
 All testing aspects are in compliance.

Action items:

- Routine Operations.

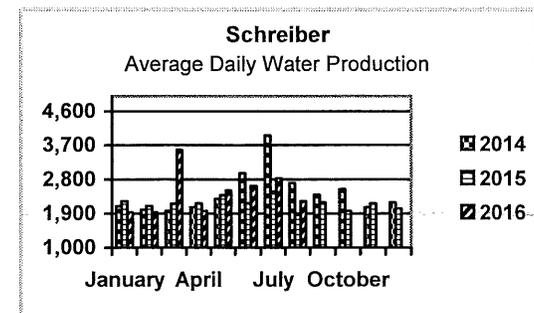


3. Schreiber Water (Zone E)

Average daily production: August- 2,226
 July- 2,839 June- 2,633

Action Items:

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



4. Rokeby Water (Zone F)

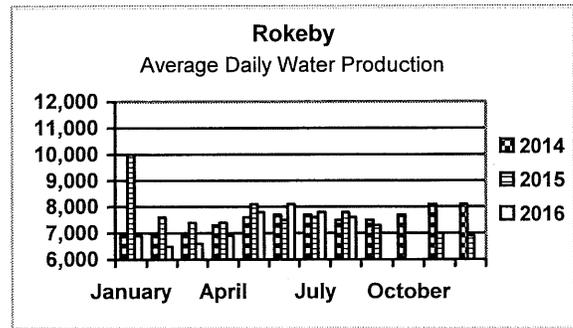
Average daily production: August- 7,600

July- 7,800 June- 8,100

All testing aspects are in compliance.

Action items:

- Routine operations.



5. Valley Dale Water

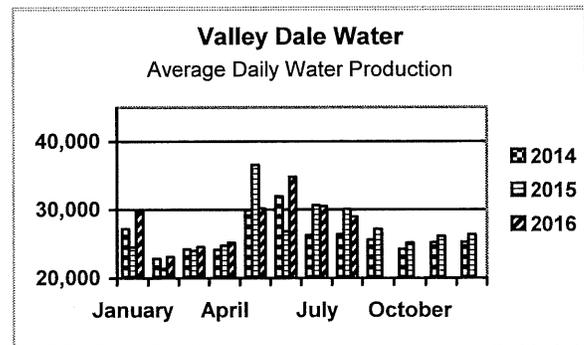
Average daily production: August- 29,006

July- 30,515 June- 34,835

All testing aspects are in compliance.

Action Items:

- Routine operations.



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

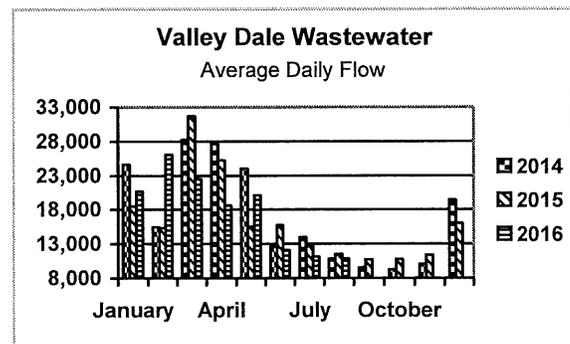
Average daily flow: August- 10,875

July- 11,148 June- 12,098

All testing aspects are in compliance.

Action Items:

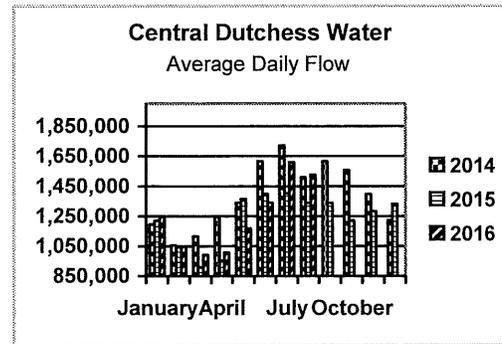
- Routine operations.
- DEC Reconnaissance Inspection completed, all results were satisfactory.



10. Central Dutchess Water Transmission Line

Average Daily Flow: August- 1,527,484
 July- 1,608,129 June- 1,340,700
 All testing aspects are in compliance.
 Action Items:

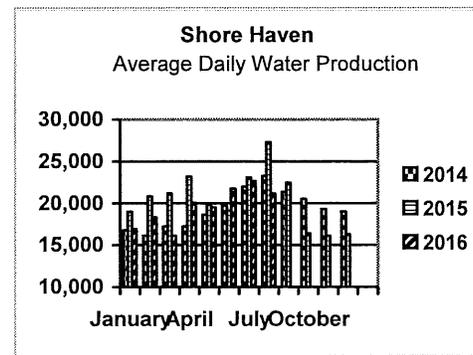
- Normal operations.
- VFD Installation completed
- Hydrant repair completed



11. Shore Haven Water (Zone J)

Average daily production: August- 21,190
 July- 22,690 June- 21,770
 All testing aspects are in compliance with the exception of Iron.

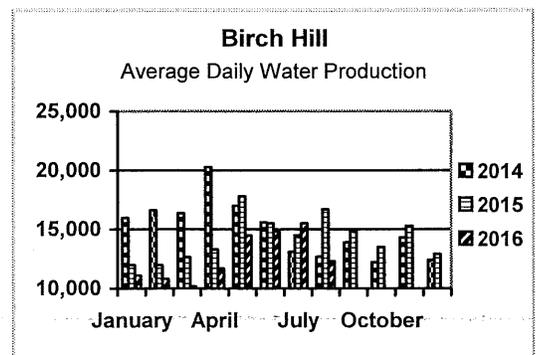
- Action items:
- Routine operations.
 - Lead and Copper sampling shows an increase in water corrosivity. Additional sampling will occur.



12. Birch Hill Water (Zone K)

Average daily production: August- 12,300
 July- 15,500 June- 14,800
 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.
- Distribution System flushing performed.

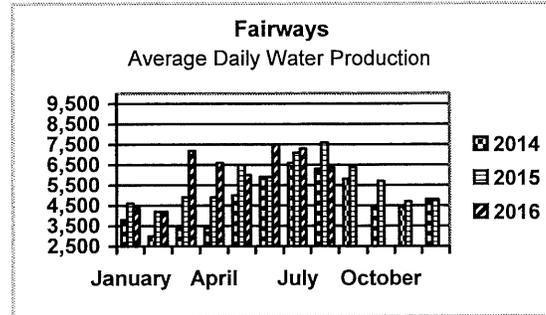


13. Fairways Water (Zone M)

Average daily production: August- 6,400
 July- 7,300 June- 7,500
 All testing aspects are in compliance.

Action items:

- Routine operations



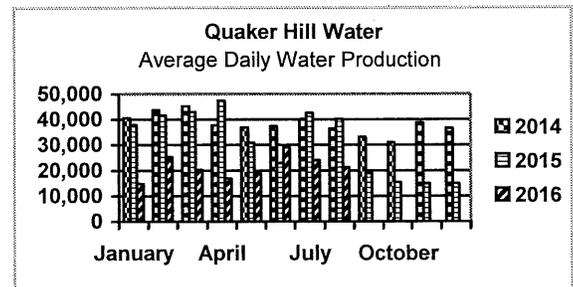
14. Quaker Hill Water (Zone U)

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

Average daily production: August- 21,277
 July- 24,048 June- 29,087
 All testing aspects are in compliance.

Action items:

- Normal operations.



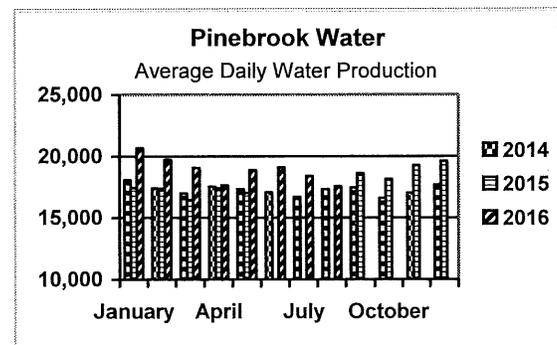
15. Pinebrook Water (Zone R)

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

Average daily production: August- 17,550
 July- 18,400 June- 19,100

Action items:

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



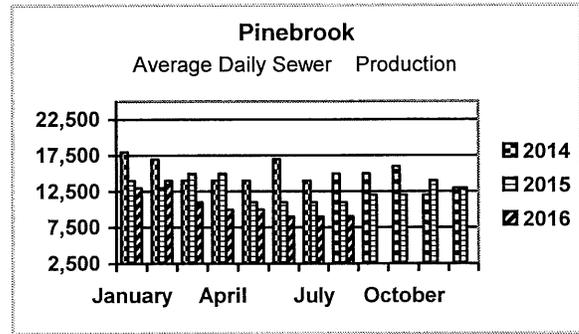
16. Pinebrook Wastewater (S.D. #7)

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

Average daily production: August- 9,000
 July- 9,000 June- 9,000

All testing aspects are in compliance.
 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.)

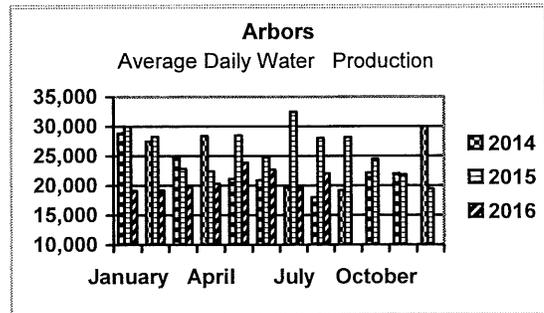
18. Arbors Water (Zone O)

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

Average daily production: August- 22,000
 July- 20,000 June- 22,700

All testing aspects are in compliance.

Action items: - Normal operations.



TO: Authority Board
FROM: Bridget Barclay
DATE: September 16, 2016
RE: Shore Haven Water System Improvements Status Report

1) Disinfection By-Products Levels remain below the MCL in 2nd Quarter

- Based on the second quarter sampling results for 2016 (collected 6/13/2016), 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 second quarter THM level was 39.8 ug/l, bringing the four-quarter rolling average to 24.8 ug/l, compared to a MCL of 80 ug/l. The second quarter HAA5 level was 69.5 ug/l, bringing the four-quarter rolling average to 38.1 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 for 2nd Quarter - Water samples collected on June 15, 2016 indicated a combined radium 226 and radium 228 level of 5.41 pCi/L (pico curies per liter). The quarterly average for radium 226 and radium 228 levels is now 3.32 pCi/L. The Maximum Contaminant Level (MCL) for combined radium 226 and radium 228 is 5 pCi/L.

3) Lead and Copper annual sampling results - Lead and copper samples were collected June 14 & 15, 2016 from seven 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). Two of the sample sites, however, slightly exceeded the action level for copper (action level for copper is 1.3 mg/l). The 90th percentile results were 7.4 ug/l for Lead and 1.45 mg/l for copper.

4) Iron and Manganese results for 2nd Quarter - Based on the second quarter sampling results for 2016 (collected 6/15/2016), the combined Iron and Manganese level is 0.4115 mg/l and is below the Maximum Contaminant Level (MCL) of 0.5 mg/l. The second quarter Manganese level was 0.0915 mg/l, compared to a MCL of 0.3 mg/l. The second quarter Iron level was 0.32 mg/l and is above the MCL of 0.3 mg/l.

5) Permanent Water Treatment System - A pre-construction meeting occurred on August 30, 2016 with all four prime contractors, Morris Associate (construction administration), Savin Engineers (design engineer), and DCWWA staff. We are still awaiting completed MWBE Utilization Plans, supporting documentation and/or EPA forms from two contractors, H.T. Lyons (HVAC) and Eventus (Plumbing), all requirements of the NYS zero-interest loan financing. The contractors

have begun providing their submittals for review. The first progress meeting with the Contractors has been scheduled for September 20, 2016.

6) Distribution System Improvements - A pre-construction meeting occurred on August 16, 2016 with Grant Street Construction, KC Engineering (construction administration), Weston & Sampson (design engineer), and DCWWA staff. The contractor has been actively providing their submittals for review. On September 6, 2016, the Contractor began digging test holes to locate some water services and future tie-in locations with the existing mains. The first progress meeting with the Contractor was held September 13, 2016.

7) Distribution System Flushing - Maintenance flushing has been temporarily suspended during the construction of the Distribution System Improvements.

TO: Authority Board
 FROM: Bridget Barclay
 DATE: September 16, 2016
 RE: 2017 Tentative Assessment Levy

The following summarizes the tentative assessment levy and proposed assessment rates for 2017, with 2016 figures shown for purposed of comparison. As required by County Law, Tentative Assessment Rolls were filed on September 15. The County Benefit Assessment Review Board will hold a Grievance Hearing on October 13th. The Board will meet again in November to make final determinations on all grievances, and a Final Assessment Levy and Roll will be filed on or before December 1.

For Zone of Assessment A/B there has been an increase in the Repayment of the County Advance for 2017, resulting from an increase in the total number of benefit units across the system and a reduction in debt service expenses.

Zones of Assessment A/B (Hyde Park)

	2016 Final	2017 Tentative
Principal and Interest	\$1,437,744.30	\$1,409,887.61
Trustee Fees	\$10,580.73	12,325.94
DCWWA Service Fee	\$41,230.50	50,836.58
Repayment of County Advance	\$83,199.24	\$106,492.38
TOTAL EXPENSES	\$1,572,754.78	\$1,579,542.51
Total Benefit Unit Equivalent	4,434.22	4,527.56
Rate per Benefit Unit:		
ZARD	\$351.60	\$345.35
ZARV	\$133.61	\$131.23
ZACD	\$400.83	\$393.69
ZACV	\$151.19	\$148.50
ZBRD	\$324.44	\$319.88
ZBRV	\$123.29	\$121.55
ZBCD	\$369.86	\$364.66
ZBCV	\$139.51	\$137.55
Cost per typical SFR	\$351.60	\$345.35

Beginning in 2017 DCWWA will begin paying debt service expenses for the new long-term bonds to fund the construction of the Route 9 Water Main Replacement Project in Zone C. Annual debt service expenses on the long term bonds are less than was projected in 2015, when the 2016 roll was prepared. There has also been an increase in the number of benefit units, due to higher water usage by some commercial properties.

Zone of Assessment C (Staatsburg)

	2016 Final	2017 Tentative
Principal and Interest	\$381,297.90	\$347,909.26
Trustee Fees	\$2,523.01	\$2,539.87
DCWWA Service Fee	6,502.73	\$6,429.68
Total Expenses	\$390,323.64	\$356,878.81
Total # Benefit Units	8,872	9,457
Rate per Benefit Unit	\$43.995	\$37.737
Cost per typical SFR	\$439.95	\$377.37

Zone D properties will see an increase in the assessment due to annual fluctuations in the Principal and Interest expenses, partially offset by a small increase in the number of benefit units.

Zone of Assessment D (Harbour Hills)

	2016 Final	2017 Tentative
Principal and Interest	\$232,924.47	\$244,996.59
Trustee Fees	\$3,992.13	\$4,108.61
Capital Contribution to HP	\$45,985.28	\$45,985.28
DCWWA Service Fee	\$4,738.06	\$4,631.47
Total Expenses	\$287,639.95	\$299,721.95
# of Benefit Units	4,888	4,944
Rate per Benefit Unit	\$58.726	\$60.501
Cost per Typical SFR	\$587.26	\$605.01

Zone H properties will see a slight increase in the assessment due to annual fluctuation in Principal and Interest expenses and a slight increase in the number of benefit units.

Zone of Assessment H (Dalton Farms)

	2016 Final	2017 Tentative
Principal and Interest	\$151,700.00	\$152,129.50
Trustee Fees	\$2,175.00	\$2,175.00
DCWWA Service Fee	\$3,846.18	\$3,857.88
Total Expenses	\$157,721.18	\$158,162.38
# Benefit Units	6,450.50	6,453.5
Rate per Benefit Unit	\$24.451	\$24.508
Cost per Typical SFR	\$244.51	\$245.08

There is no significant change in the annual assessment rate for Zone J for 2017.

Zone of Assessment J (Shore Haven Water)

	2016 Final	2017 Tentative
Principal and Interest	\$127,062.72	\$125,850.00
Trustee Fees	\$459.17	\$1,212.50
DCWWA Service Fee	\$1,654.32	\$1,744.35
Total Expenses	\$129,176.21	\$128,806.85
# Benefit Units	1,219	1219
Rate per Benefit Unit	\$105.969	\$105.666
Cost per Typical SFR	\$1,059.69	\$1056.66

There are no significant changes for Birch Hill for 2017.

Zone of Assessment K (Birch Hill Water)

	2016 Final	2017 Tentative
Principal and Interest	\$68,147.25	\$68,141.45
Trustee Fees	\$453.78	\$887.31
DCWWA Service Fee	\$969.60	\$1,048.09
Total Expenses	\$69,570.63	\$70,076.85
# Benefit Units	690	695
Rate per Benefit Unit	\$100.827	\$100.83
Cost per Typical SFR	\$1,008.27	\$1,008.30

Assessment rates for Zone L will decrease in 2017 due to a decrease in debt service expenses and an increase in the number of benefit units.

Zone of Assessment L (Route 9G Area, Hyde Park)

	2016 Final	2017 Tentative
Principal and Interest	\$76,252.85	\$68,735.77
Trustee Fees	\$366.17	\$725.77
DCWWA Service Fee	\$1,156.23	\$1,253.07
Capital Contribution to HP	\$16,029.16	\$16,029.16
Total Expenses	\$93,804.41	\$86,743.77
Total Benefit Unit Equivalent	328.46	347.84
Rate per Benefit Unit:		
ZLRD	\$285.59	\$249.38
ZLRV	\$108.52	\$94.76
ZLCD	\$325.57	\$284.29
ZLCV	\$122.80	\$107.23
Cost per Typical SFR	\$285.59	\$249.38

Beginning in 2017 DCWWA will start making debt service payments against the long-term EFC loan for the wastewater treatment system improvements. Accordingly, Chelsea Cove Sewer properties will see an increase in the annual assessment rate. The annual cost per property is less than the amount estimated (\$523) based on the final capital project scoping determined in April of 2015.

Part County Sewer District #1 (Chelsea Cove)

	2016 Final	2017 Tentative
Principal and Interest	\$115,275.34	\$219,777.85
Trustee Fees	\$2,500.00	\$1,750.00
DCWWA Service Fee	\$6,888.20	\$6,842.57
Total Expenses	\$124,663.54	\$228,370.42
# Benefit Units		
Zone A	4,801	4,801
Zone B	961	961
Rate per Benefit Unit		
Zone A	\$25.533	\$46.774
Zone B	\$2.164	\$3.963
Cost per Typical SFR (Zone A)	\$255.33	\$467.74

Beginning in 2017 DCWWA will start making debt service payments against the long-term EFC loan for the wastewater treatment system improvements. Accordingly, Valley Dale Sewer properties will see an increase in the annual assessment rate. The annual cost per property is less than the amount estimated (\$802) based on the recommendation to award construction bids presented in April of 2016.

Part County Sewer District #2 (Valley Dale Sewer)

	2016 Final	2017 Tentative
Principal and Interest	\$32,270.44	\$83,787.68
Trustee Fees	\$2,500.00	\$1,750.00
DCWWA Service Fee	\$1,588.86	\$1,566.82
Total Expenses	\$36,359.30	\$87,104.50
# Benefit Units	1,214	1,214
Rate per Benefit Unit	\$29.95	\$71.75
Cost per Typical SFR	\$299.50	\$717.50

There are no significant changes for Dalton Farms Sewer for 2017.

Part County Sewer District #3 (Dalton Farms Sewer)

	2016 Final	2017 Tentative
Principal and Interest	\$164,412.50	\$162,117.50
Trustee Fees	\$2,175.00	\$2,175.00
DCWWA Service Fee	\$3,595.85	\$3,604.35
Total Expenses	\$170,183.35	\$167,896.85
# Benefit Units	6,197.50	6,211.5
Rate per Benefit Unit	\$27.46	\$27.03
Cost per Typical SFR	\$274.60	\$270.30

DCWWA took ownership of the Greenbush Water System in early 2016, and accepted an assignment of the outstanding EFC loan for system construction originally granted to the Town of Hyde Park. Final principal and interest expenses are less than were estimated in the Map, Plan and Report for establishment of the Zone of Assessment Q (used as the basis for the 2016 assessment.)

Zone of Assessment Q (Greenbush Water)

	2016 Final	2017 Tentative
Principal and Interest	\$158,811.91	\$147,988.37
Trustee Fees	\$1,925.00	\$1,925.00
DCWWA Service Fee	\$3,199.34	\$3,216.40
Total Expenses	\$161,936.25	\$153,129.77
# Benefit Units	3,551	3,551
Rate per Benefit Unit	\$45.603	\$43.123
Cost per Typical SFR	\$456.03	\$431.23

DRAFT FOR REVIEW

**POST-ISSUANCE TAX COMPLIANCE
POLICY AND PROCEDURES**

**for the
DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY**

The purpose of these Post-Issuance Tax Compliance Policy and Procedures is to establish policies and procedures in connection with tax-exempt bonds or other obligations (the “Bonds”) issued by the Dutchess County Water and Wastewater Authority (the “Authority”) so as to maximize the likelihood that certain applicable post-issuance requirements of federal income tax law needed to preserve the tax-exempt status of the Bonds are met. The Authority reserves the right to use its discretion as necessary and appropriate to make exceptions or request additional provisions as circumstances warrant. The Authority also reserves the right to change these policies and procedures from time to time.

Post-Issuance Compliance Requirements

External Advisors / Documentation

The Authority shall consult with bond counsel and/or other legal counsel and advisors, as needed, throughout the Bond issuance process to identify requirements and to establish procedures necessary or appropriate so that the Bonds will continue to qualify for tax-exempt status. Those requirements and procedures shall be documented in the tax certificate and agreement (the “Tax Certificate”) and/or other documents finalized at or before issuance of the Bonds. Those requirements and procedures shall include future compliance with applicable arbitrage rebate requirements and other applicable post-issuance requirements of federal tax law throughout (and in some cases beyond) the term of the Bonds, including, without limitation, consultation as the bond counsel in connection with future contracts with respect to the use of Bond-financed or refinanced assets.

The Authority shall engage expert advisors (each a “Rebate Service Provider”) to assist in the calculation of arbitrage rebate payable in respect of the investment of Bond proceeds, unless the Tax Certificate documents that arbitrage rebate will not be applicable to an issue of Bonds.

Arbitrage Rebate and Yield

Unless the Tax Certificate documents that arbitrage rebate will not be applicable to an issue of Bonds, the Authority’s policy requires:

- engaging the services of a Rebate Service Provider and, prior to each rebate calculation date, causing the trustee to deliver periodic statements concerning the investment of Bond proceeds to the Rebate Service Provider;
- providing to the Rebate Service Provider additional documents and information reasonably requested by the Rebate Service Provider;
- monitoring efforts of the Rebate Service Provider;
- assuring payment of required rebate amounts, if any, no later than 60 days after each 5-year anniversary of the issue date of the Bonds, and no later than 60 days after the last Bond of each issue is redeemed;
- during the construction period of each capital project financed in whole or in part by Bonds, monitoring the investment and expenditure of Bond proceeds and consult with the Rebate Service Provider to determine compliance with any applicable exceptions from the arbitrage rebate requirements

during each 6-month spending period up to 6 months, 18 months or 24 months, as applicable, following the issue date of the Bonds; and

- retaining copies of all arbitrage reports and trustee statements as described below under “Record Keeping Requirements”.

The Executive Director of the Authority shall be the designated officer responsible for the tasks listed above (unless the Tax Certificate documents that arbitrage rebate will not be applicable to an issue of Bonds).

Use of Bond Proceeds and Bond-Financed or Refinanced Assets:

The Authority's policy requires:

- monitoring the use of Bond proceeds and the use of Bond-financed or refinanced assets (e.g., facilities, furnishings or equipment) throughout the term of the Bonds to ensure compliance with covenants and restrictions set forth in the Tax Certificate relating to the Bonds;
- maintaining records identifying the assets or portion of assets that are financed or refinanced with proceeds of each issue of Bonds, including a final allocation of Bond proceeds as described below under “Record Keeping Requirements”;
- consulting with bond counsel and other legal counsel and advisers in the review of any contracts or arrangements involving use of Bond-financed or refinanced assets to ensure compliance with all covenants and restrictions set forth in the Tax Certificate relating to the Bonds;
- maintaining records for any contracts or arrangements involving the use of Bond-financed or refinanced assets as described below under “Record Keeping Requirements”;
- conferring at least annually with personnel responsible for Bond-financed or refinanced assets to identify and discussing any existing or planned use of Bond-financed or refinanced assets, to ensure that those uses are consistent with all covenants and restrictions set forth in the Tax Certificate relating to the Bonds; and
- to the extent that the Authority discovers that any applicable tax restrictions regarding use of Bond proceeds and Bond-financed or refinanced assets will or may be violated, consulting promptly with bond counsel and other legal counsel and advisers to determine a course of action to remediate all nonqualified bonds, if such counsel advises that a remedial action is necessary.

All relevant records and contracts shall be maintained by the Executive Director as described below.

Record Keeping Requirement

It is the Authority's policy that it shall be responsible for maintaining the following documents for the term of each issue of Bonds (including refunding Bonds, if any) plus at least three years:

- a copy of the Bond closing transcript(s) and other relevant documentation delivered to the Authority at or in connection with closing of the issue of Bonds;
- a copy of all material documents relating to capital expenditures financed or refinanced by Bond proceeds, including (without limitation) construction contracts, purchase orders, invoices, trustee requisitions and payment records, as well as documents relating to costs reimbursed with Bond proceeds and records identifying the assets or portion of assets that are financed or refinanced with Bond proceeds, including a final allocation of Bond proceeds;

- a copy of all contracts and arrangements involving the use of Bond-financed or refinanced assets;
and
- a copy of all records of investments, investment agreements, arbitrage reports and underlying documents, including trustee statements, in connection with any investment agreements, and copies of all bidding documents, if any.