

DUTCHESS COUNTY



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DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WEDNESDAY, May 18, 2016
3:30 P.M.

PROPOSED 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
 - April 20, 2016 Board Meeting (R2016.05.A)
4. Chairman’s Report
5. Operations Report
 - Global Foundries Assignment Request
6. Finance Report
 - Approval of Warrant (R2016.05.B)
7. Capital Projects
 - HPR and CDWTL Building Exterior Maintenance Contract Award (R2016.05.C)
 - Amendment No. 1 to Design Agreement for HPR and CDWTL Building Exterior Maintenance (R2016.05.D)
8. Community Projects
 - SHW Project Status
 - Hoffman (Red Hook Acres) Water and Sewer
 - Beekman Elementary School Water Line
 - Vanderburgh Cover Sewer Acquisition
9. Open Executive Session regarding Litigation (R2016.05.E)
10. Close Executive Session (R2016.05.F)
10. Confirm next meeting date - Wednesday, June 15, 2016
11. Adjourn

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 APRIL 20, 2016**

Authority Board Members

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Chairperson

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Vice-Chairperson

Rudy Vavra
Treasurer

Lawrence R. Knapp
Secretary

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Staff

Bridget Barclay
Executive Director

Mary C. Morris
Deputy Director

Board Members Present

Tom LeGrand
Rudy Vavra
Larry Knapp
Michael 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

Pete Marlow – Dutchess County Department of Health
Don Sagliano – Legislative Liaison

Meeting Open – Introductions

Tom LeGrand opened the meeting at 3:30 p.m. He then welcomed new Board Member Mike Cotton and all present introduced themselves.

Approval of Board Meeting Minutes

Tom requested a motion to approve the minutes of the March 24, 2016 board meeting. The motion was made by Rudy, seconded by Larry; voted on and passed unanimously, with Mike abstaining. (Res. 2016.04.A/01)

Chairman's Report

Tom said he and Bridget worked together on some issues with the Dutchess County Airport project.

Operations Report – Endorsement for Emergency Procurement for CCS RBC Repair

Rudy made a motion that the Board hereby endorses, as an Emergency Procurement, the execution of the contract with Darlington Equipment Company for an amount not to exceed \$9,990 for the repair of the Chelsea Cove A-side RBC. This was seconded by Larry and passed unanimously. (Res. 2016.04.B/02)

Finance Report – Approval of Warrant

Mary advised the board an amendment to the warrant due to a typo on the warrant in the amount of \$.30. Larry made a motion to accept the warrant as amended. The motion was seconded by Rudy voted on and passed unanimously. (Res. 2016.04.C/03)

Status of 2016 Water Service Agreement Revenue Bonds

Bridget said all closing documents for the bonds have been signed. This resolution was authorized by the Board at the March board meeting. We now have long term financing for the Staatsburg waterline replacement project, and a small additional amount of \$90,000 for control panel work at the Birch Hill Water System, with a true interest cost of about 3.17%. We have also re-funded a portion of the 2009 water bonds at about a 1.94% net interest cost. An additional portion of the 2009 bonds, used to finance improvements to the Shore Haven Water System, will be refunded with 0% interest EFC bonds.

Capital Projects – Adoption of SEQR Determination for PBS WWTP Rehabilitation Project

Rudy made a motion that the Board of Directors does hereby determine, based upon the Full Environmental Assessment Form submitted to and reviewed by the Board, that this action will not have a significant impact on the environment and hereby adopts the attached Negative Declaration with respect to this action. This was seconded by Larry and passed unanimously. (Res. 2016.04.D/04)

Award Engineering Services Contract for GFS WWTP Rehabilitation Project

Rudy made a motion that the Executive Director or Deputy Director is authorized to execute an agreement with T&B Engineering, PC in the amount not-to-exceed \$177,300 for the Greenfields Sewer System – Treatment Plant Rehabilitation Project Professional Engineering Services. This was seconded by Larry and passed unanimously. (Res. 2016.04.E/05)

Award Construction Administration Services Agreement for VDS – WWTP Rehabilitation Project

Larry made a motion that the Executive Director or Deputy Director is authorized to execute a contract with KC Engineering and Land Surveying, PC in the amount not to exceed \$52,260.00 for the VDS – WWTP Rehabilitation Project Construction Administration Services. This was seconded by Rudy and passed unanimously. (Res. 2016.04.F/06)

Award Construction Administration Services Agreement for SHW Distribution Project

Larry made a motion that the Executive Director or Deputy Director is authorized to execute a contract with KC Engineering and Land Surveying, PC of Poughkeepsie, NY for an amount not to exceed of \$86,595.00 to provide construction administration services for the Shore Haven Water Distribution System Improvements Project. This was seconded by Rudy and passed unanimously. (Res. 2016.04.G/07)

HP WTF Instrumentation and Control Phase – 1 Engineering Services Selection Process Memo

Bridget said a memo was provided in the package on the procurement of engineering design services for the upgrade of the instrumentation and controls at the Hyde Park Water Treatment Facility. The Board concurred with the approach of soliciting proposals from Tighe & Bond Engineering; HDR Engineering and Delaware Engineering.

Award Contract Control Panel Replacement Contract for BHW WTP Project

Rudy made a motion that the alternate base bid received on February 23, 2016 from to Avanti Control Systems, Inc. for Contract No. BHW-PWC-2016-01 for the Birch Hill Water Treatment Plant Control Panel Replacement Project in the amount of \$103,122.00 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. This was seconded by Larry and passed unanimously. (Res. 2016.04.H/08)

Review of VDS WWTP Construction Bids

Bridget advised the Board there was no resolution for award, only a review of the current status of the Valley Dale Sewer Wastewater Treatment Plant construction bids. Fourteen firms obtained the bid documents, twelve of which attended the mandatory pre-bid meeting. Two bids were received for the General Construction and one bid received for the Electric. There were no bids for the Plumbing. Based on projected costs, the plumbing contract would be below the threshold for competitive bidding, so Staff will seek price quotes for this scope. This project is being funded through EFC which gives us the ability to increase the amount we are borrowing if needed. Staff recommends holding the Construction and Electric bids until quotes are received for the plumbing contract, and awarding all contracts in June. The Board concurred.

Community Projects – Shore Haven Water System Improvement Project Status Report

Doug advised the Board that disinfection by-products are still down. Iron and manganese is well below historical values and the radiologicals are lower than they have ever been. Bridget said the distribution system improvements are out to bid. The bid documents for the treatment system are being finalized and the final bid schedule is being set.

Hoffman (aka Red Hook Acres)

Bridget said there is an update on this project in the Community Projects memo.

Authority staff is still looking to negotiate with the developer on the Memorandum of Understanding (MOU) for both water and sewer. The developer is currently looking into developing their own well, due to the lack of responsiveness from the Village on a connection to the Village water system.

Meadows at Pawling Water and Sewer

Bridget said a memo was included in the package. This is a proposed senior housing complex of 41 detached homes. Further information on the project is needed.

Public Comment

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

Confirm next meeting date

Tom confirmed the next meeting date of May 18, 2016 at 3:30pm.

Motion to adjourn

At 4:15pm Tom asked for a motion to adjourn; Rudy made the motion: seconded by Larry and passed unanimously. (Res. 2016.04.I/09)

Respectfully submitted,



Jackie Burger
Senior Typist

Resolutions

- | | |
|-------------------|--|
| Res. 2016.04.A/01 | Motion to approve minutes from the March 24, 2016 board meeting |
| Res. 2016.04.B/02 | Motion to approve endorsement for emergency procurement for CCS RBC Repair |
| Res. 2016.04.C/03 | Motion to approve the warrant as amended |
| Res. 2016.04.D/04 | Motion to approve adoption of SEQR determine for PBS WWTP rehabilitation project |
| Res. 2016.04.E/05 | Motion to award engineering services for GFS WWTP rehabilitation project |
| Res. 2016.04.F/06 | Motion to award construction administration services agreement for VDS – WWTP rehabilitation process |
| Res. 2016.04.G/07 | Motion to award construction administration services for SHW Distribution system project |
| Res. 2016.04.H/08 | Motion to award control panel replacement for BHW |
| Res. 2016.04.I/09 | Motion to adjourn |

Resolution Package – Not for Release

Summary of Possible Motions for May 18, 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 – April 20, 2016 Board Meeting (R2016.05.A)
2. Approval of Warrant (R2016.05.B)
3. HPR and CDWTL Building Exterior Maintenance – Contract Award (R2016.05.C)
4. Amendment No. 1 to Design Agreement for HPR and CDWTL Building Exterior Maintenance (R2016.05.D)
5. Open Executive Session regarding Litigation (R2016.05.E)
6. Close Executive Session (R2016.05.F)

RESOLUTION NO. 2016.05.A

**Authority Board – DCWWA
May 18, 2016 meeting**

_____ offers the following resolution and moves its adoption:

APPROVAL OF MINUTES – APRIL 20, 2016 BOARD MEETING

Seconded by _____

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

HPR AND CDWTL BUILDING EXTERIOR MAINTENANCE – CONTRACT AWARD

_____ offers the following resolution and moves its adoption:

WHEREAS; bids were received May 5, 2016 for Contract No. PWC-G-2016-01 HPR & CDWTL Pump Station Buildings' Repair & Maintenance Project 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. PCC Contracting, Inc., Schenectady, NY	\$157,200.00
2. Scholar Painting & Restoration, N Seymour, CT	\$173,230.00*
3. Globe Renovations, Inc., Staten Island, NY	\$194,000.00

*The Scholar Painting & restoration quotation failed to include \$10,000 for the additional testing allowance and \$50,000 for the additional work allowance, and

WHEREAS; the staff reviewed the apparent low bidder's proposal and qualification documents and Swartz Architecture, PDC recommendation, and based upon that review, the staff recommendations that Contract No. PWC-G-2016-01 be awarded to the lowest responsible bidder, PCC Contracting, Inc., Schenectady, NY, in the amount of \$157,200.00, 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; the contract be awarded to the bidder which is in the best interests of the Authority, PCC Contracting, Inc., Schenectady, NY, in the amount of \$157,200.00, and

THEREFORE BE IT FURTHER RESOLVED 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.

Seconded by _____

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

**AMENDMENT No. 1 TO DESIGN AGREEMENT FOR HPR AND CDWTL
BUILDING EXTERIOR MAINTENANCE**

_____ offers the following resolution and moves its adoption:

WHEREAS; the Authority has entered into an agreement dated May 21, 2015 with Swartz Architecture, DPC, for the Professional Architectural Design Services for the HPR & CDWTL Pump Station Buildings Repair & Maintenance Project for an amount not to exceed \$33,210.00, and

WHEREAS; the Scope of Services included limited services during the construction phase of the project for submittal review, response to request for information, attendance at the pre-construction meeting and attendance at bi-weekly progress meetings, and

WHEREAS; Swartz Architecture, DPC at the staff’s request has submitted a proposal for additional construction administrative services including part time site observation for a fee not to exceed \$6,394.00, and

WHEREAS; Staff has reviewed the Swartz Architecture, DPC proposal and recommends it be approved, and

WHEREAS; the Board has reviewed the Staff’s recommendation and finds that it is in the best interest of the Authority to authorize Amendment No. 1 in the not-to-exceed amount of \$6,394.00.

THEREFORE BE IT RESOLVED 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.

Seconded by _____

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

EXECUTIVE SESSION REGARDING LITIGATION

_____ offers the following resolution and moves its adoption:

Enter into Executive Session for the purpose of discussing pending litigation.

Seconded by _____

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

RESOLUTION NO. 2016.05.F

**Authority Board – DCWWA
May 18, 2016 meeting**

EXECUTIVE SESSION REGARDING LITIGATION

_____ offers the following resolution and moves its adoption:

Close Executive Session and resume Public Session.

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
May 18, 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>						
ABW16011	Smith Environmental Laboratory	Labs: March 2016	203.75			
ABW16012	Byrnes Message Bureau, Inc.	Answering service: May 2016	57.64			
SUBTOTAL			261.39			
<u>Benefit Assessment</u>						
BEN16004	Drake, Loeb, Heller, etal.	Professional services: T-Rex	2,444.30	30,000.00	5,822.03	19.41%
BEN16005	Drake, Loeb, Heller, etal.	Professional services: T-Rex litigation	1,278.50	30,000.00	7,100.53	23.67%
SUBTOTAL			3,722.80			
<u>Birch Hill Water System</u>						
BHW16024	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	858.00	10,296.00	3,432.00	33.33%
BHW16025	NYSEG	Electric service:2/16/16-4/15/16 (1003 1922 494)	1,076.06			
BHW16026	Smith Environmental Laboratory	Labs: March 2016	2,102.35			
BHW16027	William & Mary Penny	Refund of overpayment at closing	108.69			
BHW16028	Frontier Communications	Telephone service: 4/25/16 -5/24/16 (226 5492)	42.33			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
May 18, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
BHW16029	Dig Safely New York, Inc.	Location Request Services: April 2016	192.89			
SUBTOTAL			4,380.32			
 <u>Chelsea Cove Sewer System</u>						
CCS16040	Royal Carting Service Co.	Monthly Refuse Removal: April 2016	76.59			
CCS16041	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	2,858.58	34,303.00	11,434.32	33.33%
CCS16042	VRI Environmental Services, Inc.	Pulled and cleaned sludge pumps: 03/14/16	349.57			
CCS16043	VRI Environmental Services, Inc.	Pump down RBC: 03/24/16	922.82			
CCS16044	VRI Environmental Services, Inc.	Pulled and cleared pump #2: 04/01/16	357.50			
CCS16045	VRI Environmental Services, Inc.	High level EQ tank alarm: 04/03/16	200.00			
CCS16046	Frontier Communications	Telephone service: 4/7/16-5/6/16 (2265492)	42.33			
CCS16047	NYSEG	Electric service:3/10/16-4/12/16 (10010243847)	1,830.28			
CCS16048	West Beekman Water Co., Inc.	Water usage: 12/27/15-3/23/16	76.40			
CCS16049	Amrex	Chemicals: Hypochlorite	521.57			
CCS16050	USA BlueBook	Skimming net shallow bag	70.61			
CCS16051	USA BlueBook	Honeywell Circular chart	105.19			
CCS16052 *	Morris Assoc Engineering Consultants, PLLC.	Professional Services: CCS WWTP Engineering Design (#3)	10,419.00	137,220.00	27,335.90	19.92%
CCS16053	Morris Assoc Engineering Consultants, PLLC.	Professional Services: CCS WWTP Engineering Design (#4)	67.10	342,340.00	317,017.90	92.60%
CCS16054	VRI Environmental Services, Inc.	Mudwell pump not pumping back to EQ Tank: 04/17/16	402.50			
CCS16055	VRI Environmental Services, Inc.	Overflow alarm on Drum filter: 04/17/16	115.00			
CCS16056	VRI Environmental Services, Inc.	Installed sump pump for Drum filter: 04/13/16	164.51			
CCS16057 * **	DJ Heating and Air Conditioning, Inc.	CCS WWTP Rehabilitation: Payment #1	11,685.00	62,290.00	11,685.00	18.76%
CCS16058 * **	Black Electric, Inc.	CCS WWTP Rehab: Payment Request #2	49,970.00	559,500.00	77,757.50	13.90%

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
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CCS16059	VRI Environmental Services, Inc.	Repair sludge lift pump: 04/19/16	340.00			
CCS16060	Security Supply Corp.	Bushing/adapter/coupling/sump pump	355.86			
CCS16061	VRI Environmental Services, Inc.	Lag pumps not shutting off/repai red wiring: 04/09/16	402.50			
CCS16062	H.A. Schreck, Inc.	Service Call to install new batteries	729.50			
SUBTOTAL			82,062.41			
 <u>Dalton Farms Sewer System</u>						
DFS16047	Royal Carting Service Co.	Monthly Refuse Removal: April 2016	163.35			
DFS16048	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	3,602.42	43,229.00	14,409.68	33.33%
DFS16049	VRI Environmental Services, Inc.	Replace Vanstone flange: 03/10/16	739.36			
DFS16050	VRI Environmental Services, Inc.	Diagnose filter cell #3/removed and replaced switch: 03/15/16	186.44			
DFS16051	VRI Environmental Services, Inc.	Install 2 Air diffusers: 03/16/16	170.00			
DFS16052	VRI Environmental Services, Inc.	Pull and clear both pumps, clean floats: 04/01/16	255.00			
DFS16053	Fuss and O'Neill of New York, P.C.	Professional services: Alaina Estates Connection to DFS #3	1,404.95	14,200.00	8,317.94	58.58%
DFS16054	Frontier Communications	Telephone service: 4/7/16-5/6/16 (223 3038)	88.75			
DFS16055	NYSEG	Electric service:3/10/16-5/12/16 (1001 5041 113)	142.73			
DFS16056	Home Depot Credit Services	Miscellaneous Supplies: March 2016	311.05			
DFS16057	NYSEG	Electric service:2/10/16-4/12/16 (1001 5041 113)	3,313.79			
DFS16058	Earthcare - All County Division	Sludge removal: 4/6/16	1,000.00			
DFS16059	Fuss and O'Neill of New York, P.C.	Professional services: Alaina Estates Connection to DFS #3	3,025.30	14,200.00	14,144.92	99.61%
DFS16060	Frontier Communications	Telephone service: 4/24/16-5/24/16	2.74			
DFS16061	NYSEG	Electric service: 2/11/16 - 4/18/16 (10025452078/10010959681)	524.15			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
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May 18, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
DFS16062	Bottini Fuel Corporation	Deliveries 3/22/16 (131.8 gal)	140.10			
DFS16063	Earthcare - All County Division	Sludge removal: 4/15/16	1,000.00			
DFS16064	Security Supply Corp.	Nipple/bushing/hose adapter/sewage pump	383.27			
DFS16065	Earthcare - All County Division	Sludge removal: 4/22/16	2,000.00			
DFS16066	H.A. Schreck, Inc.	New engine controller	2,220.91			
DFS16067	Frontier Communications	Telephone service:4/25/16-5/24/16 LD	11.33			
DFS16068	Vector Security	Power supply charger relay module	346.00			
DFS16069	Excelsior Blower Systems, Inc.	12 quarts oil	213.00			
DFS16070	VRI Environmental Services, Inc.	Diaphragm switch vent tube clogged: 04/04/16	85.00			
DFS16071	VRI Environmental Services, Inc.	Outlet tripping UV lights and flow meter: 04/22/16	181.53			
DFS16072	Davies Hardware	Union/pony clamp	14.05			
	SUBTOTAL		21,525.22			
	<u>Dalton Farms Water System</u>					
DFW16021	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	1,462.75	17,553.00	5,851.00	33.33%
DFW16022	Frontier Communications	Telephone service: 4/7/16-5/6/16 (223 7653)	33.44			
DFW16023	NYSEG	Electric service: 2/10/16-4/12/16 (1001 5040 446/5042 020)	3,052.59			
DFW16024	USA BlueBook	Ultra spill deck 2 drum	616.66			
DFW16025	Amrex	Chemicals: Ammonium Hydroxide	108.00			
DFW16025	Vector Security	Power supply charger	193.00			
	SUBTOTAL		5,466.44			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
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May 18, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<u>Fairways Sewer</u>						
FAS16007	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	238.25	2,859.00	953.00	33.33%
FAS16008	Central Hudson Gas & Electric	2/4/16-4/5/16 (58122190018/2145012/2405010/56742480017)	257.80			
SUBTOTAL			496.05			
<u>Fairways Water</u>						
FAW16007	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	551.67	6,620.00	2,206.68	33.33%
FAW16008	Central Hudson Gas & Electric	Electric service:3/2/16-4/1/16 (56742480017)	320.49			
SUBTOTAL			872.16			
<u>Greenbush Water</u>						
GBW16011	Central Hudson Gas & Electric	Electric service: 12/7/15-2/5/16 (51480448011)	150.78			
GBW16012	The Vellano Corporation	Curb box plug	194.50			
GBW16013	USA BlueBook	Pocket digital timer/curb box lid	254.80			
SUBTOTAL			600.08			

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<u>Greenfields Sewer</u>						
GFS16036	Royal Carting Service Co.	Monthly Refuse Removal: April 2016	117.00			
GFS16037	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	3,655.50	42,568.89	12,027.78	28.25%
GFS16038	Central Hudson Gas & Electric	Electric service: 3/4/16-4/3/16 (5662 0740 01 1)	530.40			
GFS16039	FedEx	Covernight delivery: 4/1/16 Larry Knapp	51.97			
GFS16040	Earthcare - All County Division	Sludge removal: 4/12/16	3,000.00			
GFS16041	Amrex	Chemicals: Hypochlorite	35.00			
GFS16042	Amrex	Chemicals: Hypochlorite	280.00			
GFS16043	Smith Environmental Laboratory	Labs: March 2016	436.00			
GFS16044 E *	Veith Enterprises, Inc.	Emergency transfer switch on generator	14,780.00			
GFS16045	VRI Environmental Services, Inc.	Replace broken door knobs/adjust door: 04/21/16	106.25			
SUBTOTAL			22,992.12			
<u>Greenfields Water</u>						
GFW16015	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	1,872.25	21,802.65	6,724.65	30.84%
GFW16016	Central Hudson Gas & Electric	Electric service: 3/3/16-4/4/16 (5662 0750 01 0)	451.65			
GFW16017	USA BlueBook	High security lock	80.75			
SUBTOTAL			2,404.65			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
May 18, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
	<u>General</u>					
GEN16075	Staples Credit Plan	Binder clips/adding matching tape	16.57			
GEN16076	Paychex, Inc.	Time and Labor Management Program: March 2016	70.00			
GEN16077	Bentley Systems, Inc.	Water gems 1000 k Pipes: Annual Subscription	2,485.00			
GEN16078	MVP Health Care, Inc.	May 2016 Health insurance	5,580.19			
GEN16079	NYS Deferred Compensation Plan	Deferred Compensation: Paydate 4/22/16	1,145.00			
GEN16080	Paychex, Inc.	Administrative Services: Pay Period ending 04/15/16	672.71			
GEN16081	NYS & Local Emp. Ret. System	Retirement System Monthly Reporting: April 2016	2,039.92			
GEN16082	NYS Deferred Compensation Plan	Deferred Compensation: Paydate 5/6/16	1,145.00			
GEN16083	Rose and Kiernan, Inc.	2016 Commercial package policy/add Greenfield/flood	427.29			
GEN16084	DC Commissioner of Finance	Copier/Telephone Service: March 2016	340.73			
GEN16085	Van DeWater & Van DeWater, LLP	Prof Serv:EFC CWSRF Financing (VDS/CCS) SHW	411.25	30,000.00	4,167.50	13.89%
GEN16086	Paychex, Inc.	Admin Services: Pay Period ending 04/29/16	691.08			
GEN16087	FedEx	Overnight delivery: 4/21/16	29.17			
GEN16088	Staples Credit Plan	Colored paper/white out	103.58			
GEN16089	DC Commissioner of Finance	Dental/Optical Premiums: April 2016	2,483.49			
GEN16090	DC Commissioner of Finance	Postage: April 2016	623.44			
GEN16091 *	Rose and Kiernan, Inc.	June 2016 Commercial package policy	15,220.00			
GEN16092	Paychex, Inc.	Time and Labor Management Program: April 2016	70.00			
	SUBTOTAL		33,554.42			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
May 18, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
	<u>Hyde Park Regional Water System</u>					
HPW16002 *	Savin Engineers, P.C.	Prof Serv: Engineer's Report for 2016 Bonds	10,905.00	15,000.00	10,905.00	72.70%
HPW16003	Savin Engineers, P.C.	Prof Serv: Engineer's Report for 2016 Bonds	4,000.00	15,000.00	14,905.00	99.37%
HPR16095	Royal Carting Service Co.	Monthly Refuse Removal: April 2016	41.40			
HPR16096	Ulster Uniform Service, Inc.	Uniforms: April 2016	218.00			
HPR16097	Cablevision	Internet service: 4/16/16-5/15/16	209.69			
HPR16098	Wex Inc.	Fuel for vehicles: March 2016	923.72			
HPR16099	Central Hudson Gas & Electric	Electric service:3/10/16-4/13/16 (56640195006)	310.05			
HPR16100	MacDermid Offshore Solutions, LLC	Wisprofloc	8,025.76			
HPR16101	Grainger	Control relay	112.30			
HPR16102	USA BlueBook	Replacement desiccant bag	66.46			
HPR16103	Verizon Wireless	Cell phone service: 4/13/15/-5/12/16	189.43			
HPR16104	Central Hudson Gas & Electric	Electric service:2/18/16-4/20/16 (5350 3800 00 4)	258.94			
HPR16105	Smith Environmental Laboratory	Labs: March 2016	325.50			
HPR16106	Ti-Sales	Neptune meter T-10	713.71			
HPR16107	A-1 Communications, Inc.	New vertex portable radio	375.00			
HPR16108	Amity Construction Corp	Item 4 (2 loads to plant): 4/13/16	780.13			
HPR16109	Chickery's Auto Repair	Change oil/ck truck	107.95			
HPR16110	Chickery's Auto Repair	Change oil/ck truck/tail light	245.76			
HPR16111 E	Amity Construction Corp	Water repair Mill Rd Ext: 4/8/16	1,346.75			
HPR16112	Ti-Sales	Elliptical flange	151.49			
HPR16113	Chickery's Auto Repair	Change oil	59.95			
HPR16114	Wex Inc.	Fuel for vehicles: April 2016	1,211.76			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
May 18, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
HPR16115	H.A. Schreck, Inc.	Filters	185.00			
HPR16116	Verizon Wireless	Modem: 3/24/16-4/23/16	14.04			
HPR16117	Central Hudson Gas & Electric	Electric service:3/24/16 -4/27/16(56171635016/3730013/4600017)	9,188.64			
HPR16118	Chemtrade Chemicals Corporation	Chemicals: Alum Sulfate liquid	2,793.10			
HPR16120	Williams Lumber & Home Centers	Miscellaneous equipment and supplies: April 2016	271.70			
HPR16121	Verizon	Telephone service: 4/10/16-5/9/16 (2291117/2299233/7243574)	165.66			
SUBTOTAL			43,196.89			
 <u>Pinebrook Sewer System</u>						
PBS16021	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	1,534.58	18,415.00	6,138.32	33.33%
PBS16022	Central Hudson Gas & Electric	Electric service: 3/10/16-4/13/16 (56640248037)	490.55			
PBS16023	Amrex	Chemicals: Hypochlorite	176.00			
PBS16024	Murasso Sign & Designs	Dishcharge point signs	104.00			
SUBTOTAL			2,305.13			
 <u>Pinebrook Water System</u>						
PBW16016	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	1,023.08	12,277.00	4,092.48	33.33%
PBW16017	VRI Environmental Services, Inc.	New gutters	523.47			
PBW16018	Central Hudson Gas & Electric	Electric service:3/10/16-4/13/16 (5664 0245 03 3)	397.95			
PBW16019	VRI Environmental Services, Inc.	Weld chain on well caps	127.50			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
May 18, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
PBW16020	USA BlueBook	Reagent sample/Oxygen powder pillows	817.00			
SUBTOTAL			2,889.00			
<u>Quaker Hills Water</u>						
QHW16014	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	752.25	9,027.00	3,009.00	33.33%
QHW16015	Central Hudson Gas & Electric	Electric service:3/17/16-4/4/16 (5662 0810 01 2)	226.62			
QHW16016	VRI Environmental Services, Inc.	Weld chains on well caps: 04/18/16	85.00			
SUBTOTAL			1,063.87			
<u>Rokeby Water System</u>						
RKW16013	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	618.50	7,422.00	2,474.00	33.33%
SUBTOTAL			618.50			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
May 18, 2016**

<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>					
DSW16008	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	482.67	5,792.00	1,930.68	33.33%
DSW16009	NYSEG	Electric service: 3/7/16-5/9/16 (10011912549)	264.18			
	SUBTOTAL		746.85			
	<u>Shore Haven Water System</u>					
SHW16018	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	860.92	10,331.00	3,443.68	33.33%
SHW16019	Prime Print Shop	Bond Copies: Distribution System Improvement Project34987	1,077.20			
SHW16020	NYSEG	Electric service:2/17/16-4/18/16 (10032103375)	844.02			
SHW16021	USA BlueBook	Hach red indicating/sample	94.92			
SHW16022	Amrex	Chemicals: Hypochlorite/caustic soda	132.00			
	SUBTOTAL		3,009.06			
	<u>Central Dutchess Water Transmission Line</u>					
CDW160370	Royal Carting Service Co.	Monthly Refuse Removal: April 2016	36.23			
CDW16071	Central Hudson Gas & Electric	Elec Serv: 3/2/16-3/31/16 (56852136011/013/50624675000)	2,151.23			
CDW16072	Verizon	Telephone service:4/10/16-5/9/16 (4710917)	213.12			
CDW16073	MVP Health Care, Inc.	May 2016 Health insurance	1,594.34			
CDW16074	Wex Inc.	Fuel for vehicles: March 2016	146.47			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
May 18, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
CDW16075	Time Warner Cable	Internet service: 4/19/16-5/18/16 (8150410150093567)	103.97			
CDW16076	NYS Deferred Compensation Plan	Deferred Compensation: Paydate 4/22/16	500.00			
CDW16077	Paychex, Inc.	Administrative Services: Payroll Period ending 04/15/16	8.77			
CDW16078	NYS & Local Emp. Ret. System	Retirement System Monthly Reporting: April 2016	322.63			
CDW16079	Home Depot Credit Services	Miscellaneous Supplies: March 2016	23.16			
CDW16080	Cablevision	Internet service: 4/23/16-5/22/16	141.50			
CDW16081	Smith Environmental Laboratory	Labs: March 2016	250.25			
CDW16082	NYS Deferred Compensation Plan	Deferred Compensation: Paydate 5/6/16	500.00			
CDW16083	Receiver of Taxes	Water bill: 12/3/15-3/3/16	214.00			
CDW16084	Wex Inc.	Fuel for vehicles: April 2016	101.93			
CDW16085	Paychex, Inc.	Administrative Services: Payroll Period ending 04/29/16	9.12			
CDW16086	Adams Power Equipment	Trim line/loop	186.19			
CDW16087	DC Commissioner of Finance	Dental/Optical Premiums: April 2016	130.71			
CDW16088	DC Commissioner of Finance	Postage: April 2016	13.86			
CDW16089	Dig Safely New York, Inc.	April 2016	113.11			
CDW16090	Davies Hardware	Spray krylon	8.98			
CDW16091	Williams Lumber & Home Centers	Miscellaneous equipment and supplies: April 2016	23.77			
	SUBTOTAL		6,793.34			
 <u>VALLEY DALE SEWER SYSTEM</u>						
VDS16023	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	1,370.75	16,449.00	5,483.00	33.33%
VDS16024	VRI Environmental Services, Inc.	RPZ testing: 03/21/16	120.00			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
May 18, 2016**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
VDS16025	VRI Environmental Services, Inc.	Replace pump well #7: 03/21/16	2,633.40			
VDS16026	VRI Environmental Services, Inc.	Effluent pump down/check pump replace fuses: 03/30/16	110.44			
VDS16027	Amrex	Chemicals: Hypochlorite	90.00			
VDS16028	Central Hudson Gas & Electric	Electric service: 3/21/16-4/21/16(56530702002/0700014/004)	1,006.38			
VDS16029	H.A. Schreck, Inc.	Level 1 service	2,130.88			
VDS16030	VRI Environmental Services, Inc.	Replace mech seal/cleaned/re installed: 04/04/16	510.00			
VDS16031	Radwell International, Inc	Pressure sensor	65.50			
SUBTOTAL			8,037.35			
 <u>VALLEY DALE WATER SYSTEM</u>						
VDW16011	VRI Environmental Services, Inc.	Operations and Maintenance: April 2016	518.25	6,219.00	2,073.00	33.33%
VDW16012	Central Hudson Gas & Electric	Electric service: 3/21/16 -4/21/16(56530720004)	697.69			
VDW16013	USA BlueBook	Hymax coupling	637.93			
VDW16014	VRI Environmental Services, Inc.	Fabricate new header and install	1,602.39			
VDW16015	J.D. Johnson Company	Copper split ring/hanger/thr rod	17.16			
VDW16016	Patterson Supply Co., Inc.	Parts and valves	771.80			
VDW16017	Patterson Supply Co., Inc.	End cap/hanger/plate	12.96			
SUBTOTAL			4,258.18			

DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
May 18, 2016

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
	<u>Violet Ave Water</u>					
		None this warrant				
		SUBTOTAL	0.00			
		TOTAL WARRANT	251,256.23			
*		Over \$10,000 - Check Requires Two Signatures				
**		Construction Voucher -Not All Construction Vouchers Require Board Signature				
E/P		Procurement Policy Emergency Repair Provision				

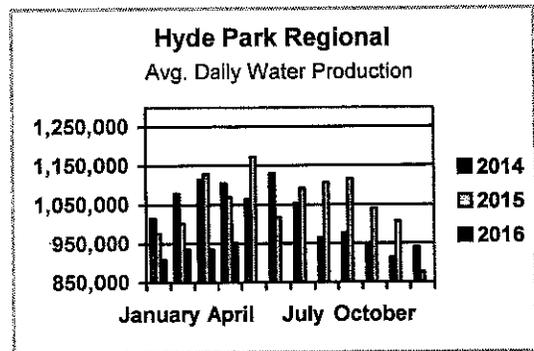
TO: Authority Board
 FROM: Frederic Zanetti
 DATE: May 10, 2016
 RE: April 2016 Systems Operation Report

*Present: F. Dongo, R. Doyle, S. Heupler, D. Odell, S. Osborne,
 P. Scofield, R. Winchester, F. Zanetti*

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

Average daily usage: April- 952,000
 March- 934,000 February- 935,000
 All testing aspects are in compliance.
 Action Items:

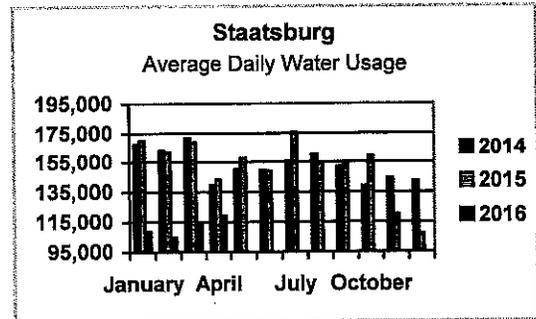
- New valve installed on Crum Elbow Road.



2. Staatsburg Water(Zone C)

Average daily usage: April- 119,200
 March- 113,500 February- 104,900
 All testing aspects are in compliance.
 Action items:

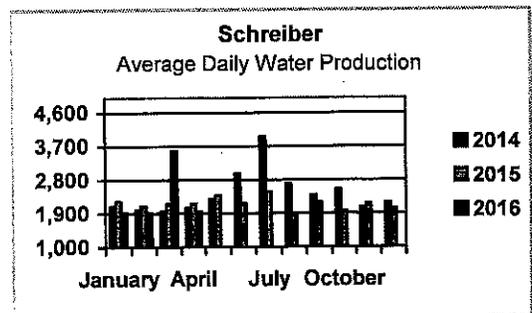
- Routine Operations.



3. Schreiber Water (Zone E)

Average daily production: April- 1,967
 March- 3,581 February- 1,931
 Action Items:

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



4. Rokeby Water (Zone F)

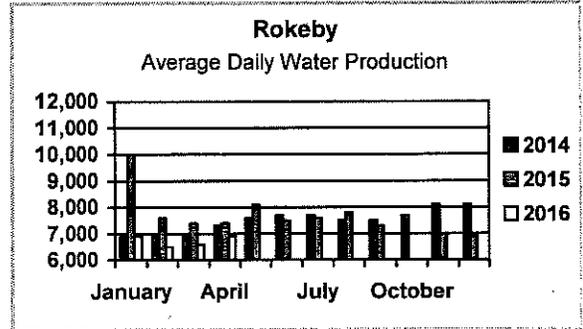
Average daily production: April- 6,900

March- 6,600 February- 6,500

All testing aspects are in compliance.

Action items:

- Routine operations.



5. Valley Dale Water

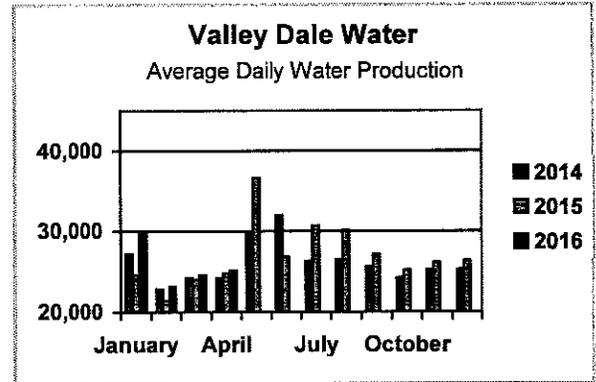
Average daily production: April- 25,151

March- 24,568 February- 23,122

All testing aspects are in compliance.

Action Items:

- Routine operations.
- Changed 5 micron filters.



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

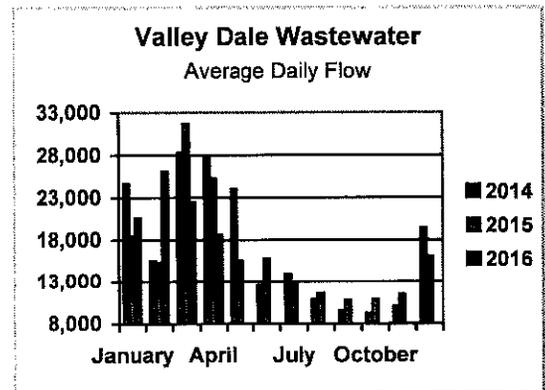
Average daily flow: April- 18,627

March- 22,522 February- 26,078

All testing aspects are in compliance.

Action Items:

- Routine operations.



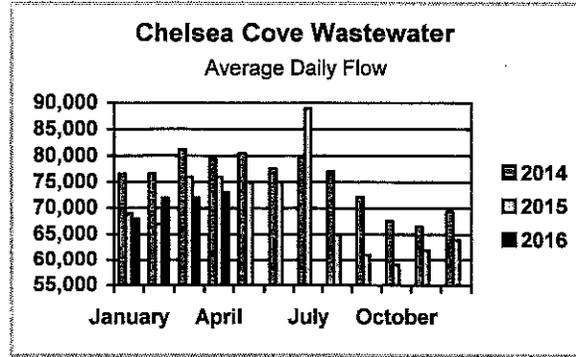
7. Chelsea Cove Wastewater
(S.D. #1)

Average daily flow: April- 73,000
March- 72,000 February- 72,000

CBOD, Ammonia, and Fecal Coliform above permit limits due to construction and chlorine pump failure.

Action Items:

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

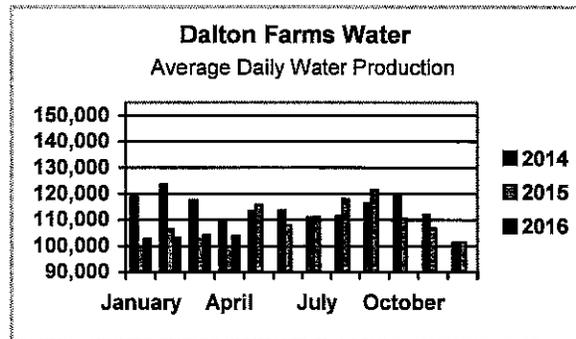


8. Dalton Farms Water (Zone H)

Average Daily Production: April- 104,000
March- 104,300 February- 103,300
All testing aspects are in compliance.

Action Items:

- Normal operations.

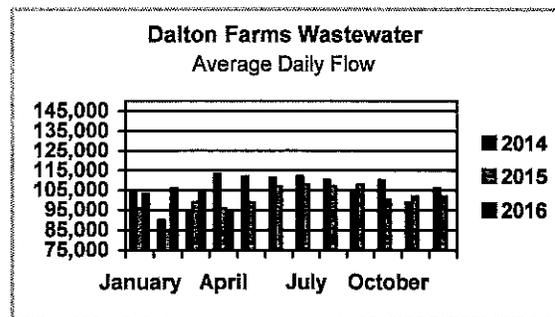


9. Dalton Farms Wastewater (S.D. #3)

Average Daily Flow: April- 95,000
March- 104,000 February- 106,000
All testing aspects are in compliance

Action Items:

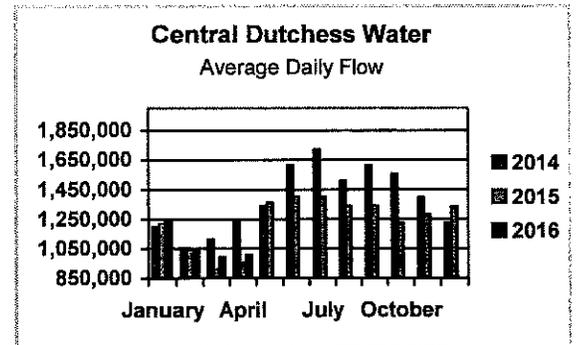
- Normal operations.
- Process sampling continues.



10. Central Dutchess Water Transmission Line

Average Daily Flow: April- 1,007,933
 March- 992,903 February- 1,044,552
 All testing aspects are in compliance.
 Action Items:

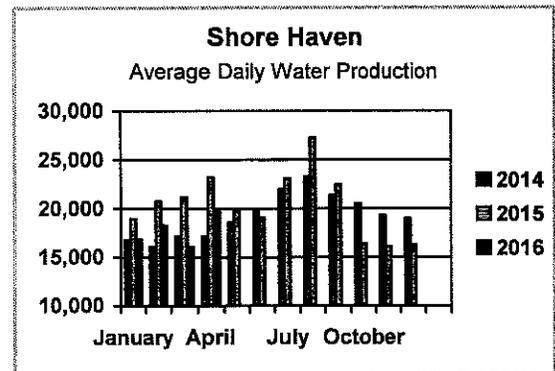
- Normal operations.



11. Shore Haven Water (Zone J)

Average daily production: April- 20,040
 March- 16,100 February- 18,300
 All testing aspects are in compliance.
 Action items:

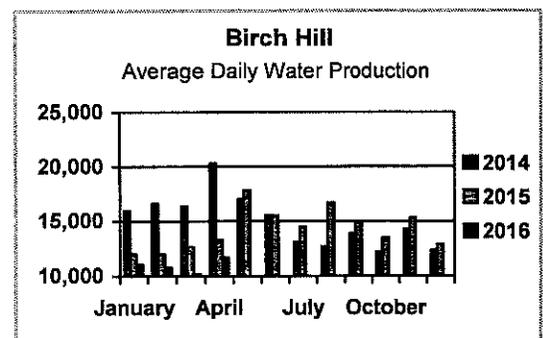
- Routine operations.



12. Birch Hill Water (Zone K)

Average daily production: April- 11,700
 March- 10,200 February- 10,800
 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.



13. Fairways Water (Zone M)

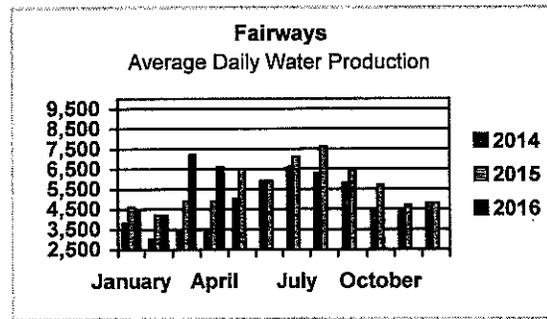
Average daily production: April- 6,600

March- 7,200 February- 4,200

All testing aspects are in compliance.

Action items:

- Leak source identified and addressed



14. Quaker Hill Water (Zone U)

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

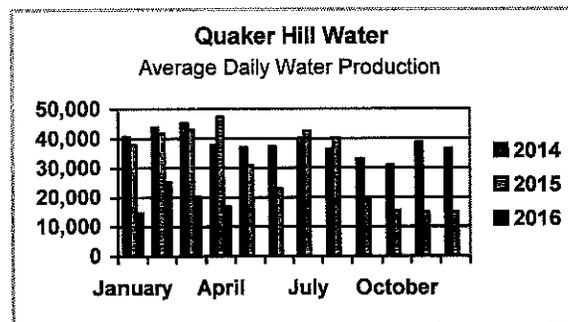
Average daily production: April- 16,943

March- 20,281 February- 25,359

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: April- 17,620

March- 19,060 February- 19,740

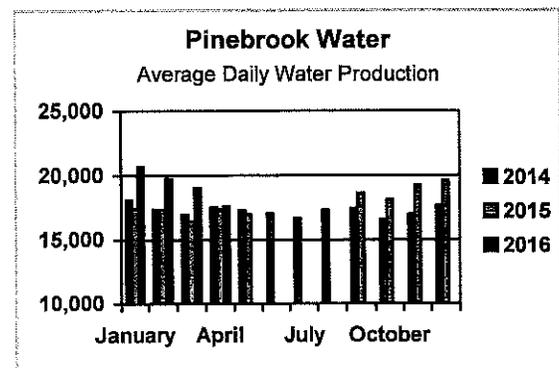
All testing aspects are in compliance.

Action items:

MCL exceedance for Chlorides, Water quality analysis for all three wells being conducted.

Softener treatment testing to be scheduled.

Well #2 was repaired. DCWWA and VRI staff have flushed and monitored the well.



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

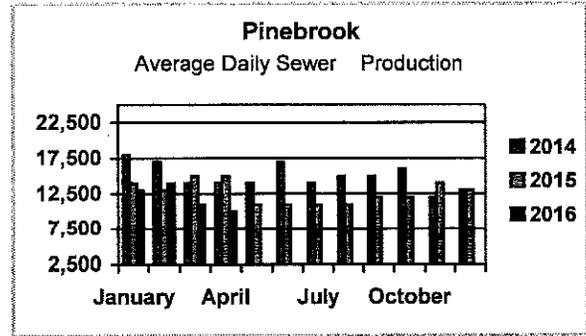
*Transferred from the Town of Hyde Park on September 15, 2015.

Average daily production: April- 10,000
March- 11,000 February- 14,000

All testing aspects are in compliance except for CBOD.

Action items:

Preparing repaired RBC for service.



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

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

No issues. (Wastewater flow is not metered.)

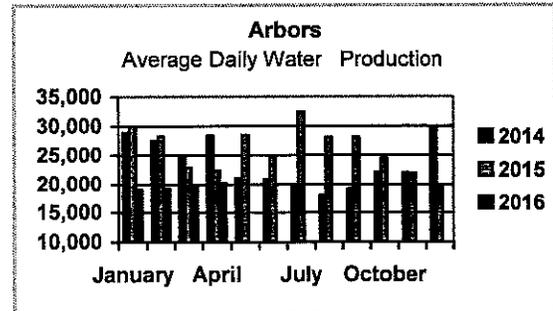
18. Arbors Water (Zone O)

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

Average daily production: April- 20,300
March- 20,000
February- 19,200

All testing aspects are in compliance.

Action items: - Normal operations.



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

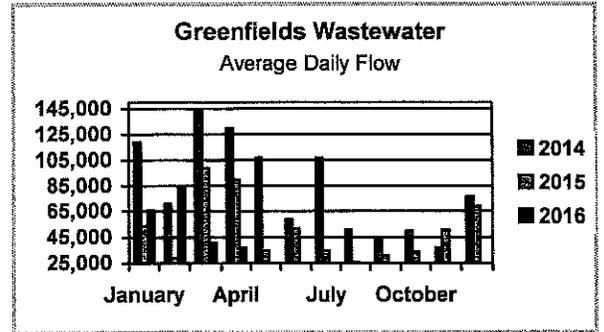
*Transferred from the Town of Hyde Park on January 11, 2016.

Average Daily Flow: April- 37,467
 March- 41,032 February- 83,586

All testing aspects are in compliance.

Action Items:

- Veith set up new auto transfer switch for generator.
- Normal operations.



20. Greenfields Water (Zone S & T)

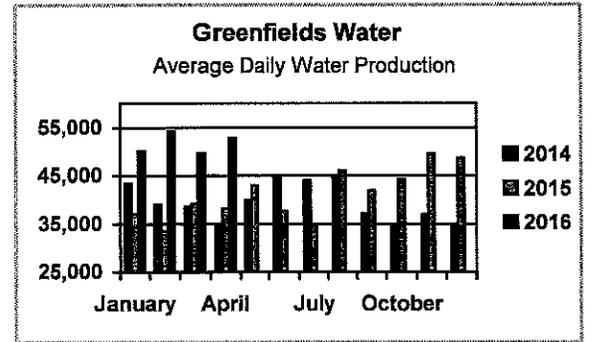
*Transferred system operation from the Town of Hyde Park on January 11, 2016.

Average Daily Production: April- 52,887
 March- 49,739 February- 54,271

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

Action Items:

- Well water quality data being gathered to optimize treatment process.
- Installed flushing valve set up for Well #12.



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

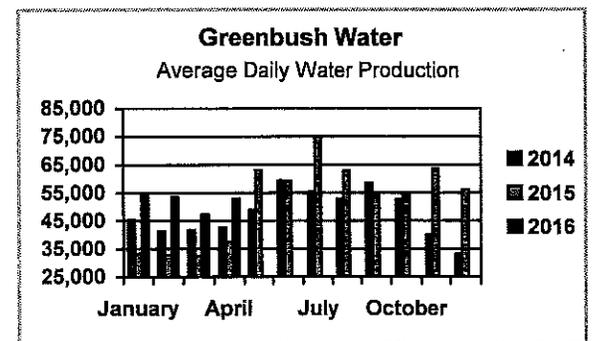
22. *Transferred from the Town of Hyde Park on February 19, 2016.

Average daily production: April- 53,000
 March- 47,300 February- 53,500

All testing aspects are in compliance.

Action items:

- Routine operations.



TO: Authority Board
FROM: Bridget Barclay
DATE: May 12, 2016
RE: Shore Haven Water System Improvements Status Report

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 1st 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 90th 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. Samples will be taken again in June 2016.*

4) Iron and Manganese results for 1st 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 will be let out for public bid on May 16, 2016. The bid ad is being placed in the Poughkeepsie Journal and is also being faxed/mailed to 46 applicable M/WBE firms for our region and 66 non-M/WBE firms. The project will be listed on the Bid Net website. A mandatory pre-bid meeting and site visit are scheduled for Monday, May 23. The Bid Opening will take place on Tuesday, June 14.

6) Distribution System Improvements - The Project is currently out to public bid. A pre-bid meeting and site visit occurred on Thursday, May 14 and eight contractors attended both mandatory events. The Bid Opening will take place on Wednesday, June 1. Weston & Sampson, the design engineer for the Project, will review the bids and provide an award recommendation for consideration at the June Board meeting.

KC Engineering and Land Surveying, PC of Poughkeepsie, NY has been hired to provide Construction Administration services for the Distribution System Improvements project.

For over a year, Authority Staff have been actively pursuing construction and/or permanent easements from property owners along the proposed route of the distribution system improvements. However, 7 of the 26 affected property owners have either initially declined or have not responded to the Authority's multiple easement requests. Proceedings may be soon initiated against these 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 May 18th Board meeting.

7) Distribution System Flushing - Maintenance flushing continues on a monthly basis as the weather permits.