

DUTCHESS COUNTY



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DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WEDNESDAY, SEPTEMBER 17, 2014
3:30 P.M.

PROPOSED AGENDA

1. Meeting Open – Introductions
2. Approval of Minutes
 - August 20, 2014 Board Meeting (R2014.09.A)
3. Chairman’s Report
4. Operations Report – see written report
5. Finance Report
 - Approval of Warrant (R2014.09.B)
 - Approval of 2015 Tentative Assessment Levy (R2014.09.C)
6. Systems and Capital Projects
 - Contract Award – SHW Booster Pump Project – Electrical Connection (R2014.09.D)
 - Contract Award – SHW Permanent Treatment Building Construction (R2014.09.E)
 - Declaration of Real Property as Surplus (R2104.09.F)
 - Shore Haven Water System Status Report
 - Staatsburg Route 9 North Pipe Replacement Project Construction Status Report
7. Community Projects
 - DC Airport Water Main Extension Project
 - Vanderburgh Cove Sewer
8. Public Comment
9. Confirm next meeting date – October 15, 2014
Confirm Budget Workshop date – October 29, 2014
10. Adjourn

Meeting will be held at 27 High Street – 2nd Floor Conference Room

Authority Board Members

Thomas LeGrand
Chairperson

Vincent DiMaso
Vice-Chairperson

Rudy Vavra
Treasurer

Ann Marie Donohue

Lawrence R. Knapp
Secretary

Ex officio Members

Ed Hoxsie
District Manager
Soil and Water Conservation District

M. Kealy Salomon
Commissioner
D.C. Dept. of Planning & Development

Staff

Bridget Barclay
Executive Director

Mary C. Morris
Deputy Director



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**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
UNAPPROVED - MINUTES OF AUGUST 20, 2014**

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Executive Director

Mary C. Morris
Deputy Director

Board Members Present

Tom LeGrand
Larry Knapp
Rudy Vavra

Staff Present

Bridget Barclay
Jackie Burger
Peter Fadden
Mary Morris
Doug Odell

Board Member Absent

Vince DiMaso
Ann Marie Donohue

Others Present

Pete Marlow – Dutchess County Department of Health
Peter Dowley – Staatsburg Watchdog Committee
Shay Gavin – Savin Engineers

Meeting Open

Chairman Tom LeGrand opened the meeting at 3:35 p.m.

Approval of Board Meeting Minutes

Tom asked for a motion to approve the minutes of the July 16, 2014 board meeting. Rudy made the motion; seconded by Larry and passed unanimously. (Res. 2014.08.A/01)

Operations Report

Tom said the Operations Report was included in the package. Larry asked about the Department of Environmental Conservation (DEC) inspection at the Valley Dale Sewer Plant. Doug said there were questions regarding having three years of data readily available. That data currently is kept at the Authority office and with the contract operators. DEC interprets readily available as having that data available at the sewer plant.

Larry then inquired about Chelsea Cove and Dalton Farms. Doug said exceeding the levels of TSS at Chelsea Cove is most likely due to the RBC being off line and the 2nd RBC carrying the load of both for several months.

Doug advised the Board that a sand filter taken off line at Dalton Farms had a valve affecting the backwash and some of the sand had washed over into the clear zone. Samples were taken and the results will be available next week. Bridget then noted that Doug had advised her that the SPDES permit changes seasonally. Doug said every year in June the permits become more restrictive. It is not unusual to encounter some issues in June but this is the first time issues have extended into July as well, and they are looking into other reasons.

Tom asked about generators for the systems. Peter said all systems now have standby generators in place or have portable generators available. Bridget added that Shore Haven is getting a generator as part of the improvement project. Tom then asked if the Authority had purchased an air compressor with attachments yet. Doug said no. The State bid list is not up to date and Hyde Park Plant Staff are looking into it further in the marketplace.

Finance Report – Approval of Warrant

Tom said the warrant was included in the package. Mary said there were no changes and nothing to note. Larry made a motion to approve the warrant as presented. The motion was seconded by Rudy; voted on and passed unanimously.
(Res. 2014.08.B/02)

SEC Municipal Continuing Disclosure Initiative

Bridget said our original deadline for filing was September 9th. SEC issued an update at the end of July indicating they are extending the deadline for municipalities to report to December 1st. The underwriting firms are still required to report by September 10th. We are monitoring the reporting of the underwriters that we worked with. SEC also clarified that the current electronic filing system for disclosure documents, Electronic Municipal Market Access (EMMA), only went on line in the beginning of 2009. Prior to that date there were a number of different officially designated depositories for filing, none of which retained records on a permanent basis.

The FCC is acknowledging the difficulty in determining what was filed and when it was filed prior to 2009. As a result they will look at the good faith effort by municipalities to determine whether they had any deficiencies in the requirements pre-2009. The latest discussions we have had with financial advisors is that they are increasingly recognizing that there is not much that can be demonstrated conclusively on what may or may not have been filed prior to 2009.

Letter of Agreement with Dutchess County For Benefit Assessment Litigation

Tom said there was discussion on Benefit Assessment Litigation at the July meeting and after speaking with Bridget and the County Attorney's Office it has been determined that the Authority has funding available for same. Discussion followed on potential costs and the possibility that the benefit assessments could be challenged every year. Bridget agreed as the assessments are an annual levy on the properties.

Larry made a motion to authorize the Executive Director or Deputy Director to execute the Letter Agreement between the County Attorney and the Dutchess County Water

and Wastewater Authority regarding benefit assessment litigation. The motion was seconded by Rudy; voted on and passed unanimously. (Res. 2014.08.C/03)

Contract Extension with Rose and Kiernan for Insurance Services for 2015

Larry made a motion that the Dutchess County Water and Wastewater Authority hereby consents to amending the agreement with Rose and Kiernan, Inc. of Fishkill, New York for Insurance Consulting and Broker Services dated November 1, 2012 to be extended through the 2015 calendar year for a fee not-to-exceed \$20,000 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. The motion was seconded by Rudy; voted on and passed unanimously. (Res. 2014.08.D/04)

Systems and Capital Projects – Valley Dale Sewer Collection System Repairs Engineering Agreement

Larry made a motion to authorize the Executive Director or Deputy Director to execute the Amendment #1 to establish the final total Agreement cost as \$31,088.45 for the Design Services Agreement between the Authority and Morris Associates Engineering Consultants, PLLC on behalf of the Authority. The motion was seconded by Rudy; voted on and passed unanimously. (Res. 2014.08.E/05)

Shore Haven Water System

Tom introduced Shay Gavin, P.E., Executive Vice President of Savin Engineers, and thanked him for attending the meeting to discuss status and scheduling for the Shore Haven Water Improvement project. Tom advised Shay of his concerns regarding the length of time involved in getting the Shore Haven Water System Improvements done. Shay said he went back through all of the records since the end of September when we received the approval from the New York State Department of Health to proceed. The main cause of the ongoing delays at Shore Haven is the complexity of the water issues involved with this small system. Savin has never encountered this type of groundwater system problems before nor has Hazen and Sawyer who are national experts.

Shay said the booster pump schedules the Authority received last month remain the same. The booster pump station has been awarded, the Authority has the shop drawings, there has been a site visit held with the vendor, and the pump station is currently in the manufacturing phase and should be installed by October. There is a mandatory pre-bid meeting at the site tomorrow for the treatment building. A Pre-Fab building company may be the General Contractor on for this project. At this time there are two seriously interested Pre-Fab building companies and three or four General Contractors. The contractor will be able to start with the site work almost immediately. While that is being done Savin will be reviewing and approving the shop drawings depending on when they could get the building built, possibly November, December or January depending on the schedule.

After the building is in place the treatment process equipment will be installed. The equipment was approved by the New York State Department of Health (NYSDOH) about 10 months ago. There were several stops and starts. Some additional scope

has been added such as a standby power system as a result of internal discussion about all of the Authority's systems. Transfer switches have been done as part of the design of the standby power generator.

NYSDOH had insisted that the chloramination building currently serving the system be maintained for one year from the date of start-up of the new treatment system. That created some issues as that requires the ability to turn off the new system and turn on the old system. This is complicated as the flow has to be diverted almost instantaneously. This took some time but they were able to do so.

Shay continued by saying it was then decided that the existing building needed to be demolished due to space issues, and was then determined that the building could not be demolished due to a wellhead inside as well as controls to the well and the chloramination system. Savin then did some reconfiguring so all of the controls are now within the new building and access to all of the feed points for the chloramination system are in the old building. Tom asked why the old building has to be maintained. Shay said he believes the NYSDOH wants this in place as a backup until we see that the system is operating consistently. Discussion followed.

Shay said they then encountered the issue of the iron bacteria in the wells. Hazen and Sawyer then did an evaluation. There was a concern that this fouling would run into the MIEX ion exchange system. It was determined that the well fouling issue was something that could be managed but not cured. They have to replace the motors, put VFD's on them and reduce the speed of the impellers because the high agitation aerates the system and increases the growth of iron bacteria.

Savin then experienced some management issues and staff changes were made. Some electrical, HVAC, mechanical and construction people were working at cross purposes. Some of the work needed to be redone at no added engineering cost to the Authority and still within the original budget.

The generator and all other additional services are done. Final documents for the Authority were submitted last night. Shay commended Authority staff; Ed, Peter and Jerry, for their review and for bringing to his attention some things that he was not aware of. We are now into final review. Tom thanked Shay for attending the Board meeting and expressed his appreciation for his personal involvement in this project.

Shore Haven Water System – General Engineering Services Agreement

Bridget said this is the annual General Engineering Services Agreement with Silkworth Engineering. They have worked with us for a number of years for on-site inspections. Because the project is being funded through New York State Environmental Facilities Corporation (EFC) if we reduce the total not-to-exceed amount from \$35,000 to \$25,000 then it is not subject to the MWBE requirements. There is no expectation that we will exceed \$25,000.

Larry made a motion to authorize the Executive Director or Deputy Director to execute the necessary amendment to the 2014 Shore Haven Water System General

Engineering Services Agreement with Silkworth Engineering to change the total amount payable under the 2014 Agreement to not exceed \$25,000 and to incorporate the requisite EEO and M/WBE contract provisions. The motion was seconded by Rudy; voted on and passed unanimously. (Res. 2014.08.E/06)

Community Projects- Town of Rhinebeck

Bridget said there is no Community Projects memo this month. We continue to work with Hyde Park on the transfer of ownership of the water and sewer systems. Tom added that he and Bridget would also be meeting with the Rhinebeck Town Supervisor Elizabeth Spinzia on Friday regarding acquiring Vanderburgh Cove Sewer System. Bridget said Rhinebeck was able to obtain some Water Quality Improvement Grant funding and completed treatment system and collection system improvements, however they are now experiencing additional problems due to inflow and infiltration. DEC is also involved. Discussion followed.

Village of Tivoli

Bridget said we are also still in conversation with the Village of Tivoli and have applied to the County for a municipal shared services and consolidation grant.

Public Comment

Tom asked for any public comment. Peter Dowley noted a couple sections of road that are just plain dirt in the area of Mill Road/South Mill Road in Staatsburg. He said due to recent rain storms this area had become washed out. His concern is the water main might be affected by this. Bridget said that area is outside the Route 9 pipe replacement project area. Peter Fadden said Dutchess County Department of Public Works would be responsible for taking care of that area of road. This has been an ongoing problem with that portion of roadway.

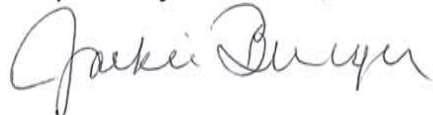
Confirm Next Meeting Date

Tom confirmed the next meeting date of September 17, 2014.

Adjournment

At 4:16 p.m., Tom requested a motion to adjourn. The motion was made by Rudy; seconded by Larry; voted on and passed unanimously. (Res. 2014.08.G/07)

Respectfully submitted,



Jackie Burger
Senior Typist

Resolutions

- | | |
|-------------------|--|
| Res. 2014.08.A/01 | Motion to approve minutes from the July 18, 2012 board meeting |
| Res. 2014.08.B/02 | Motion to approve the warrant as presented |

- | | |
|-------------------|--|
| Res. 2014.08.C/03 | Motion to approve letter of agreement with Dutchess County for Benefit Assessment Litigation Expenses |
| Res. 2014.08.D/04 | Motion to approve Contract Extension with Rose and Kiernan for insurance services |
| Res. 2014.08.E/05 | Motion to authorize Amendment #1 – VDS Collection Repairs Engineering Agreement |
| Res. 2014.08.F/06 | Motion to authorize amendment to 2014 Shore Haven Water System General Engineering Services Agreement with Silkworth Engineering |
| Res. 2014.08.G/07 | Motion to adjourn |

Resolution Package – Not for Release

Summary of Possible Motions for September 17, 2014 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 20, 2014 Board Meeting (R2014.09.A)
2. Approval of Warrant (R2014.09.B)
3. Approval of 2015 Tentative Assessment Levy (R2014.09.C)
4. Contract Award – SHW Booster Pump Project – Electrical Connection (R2014.07.D)
5. Contract Award – SHW Permanent Treatment Building Construction (R2014.09.E)
6. Declaration of Real Property as Surplus (R2014.09.F)

RESOLUTION NO. 2014.09.A

**Authority Board – DCWWA
September 17, 2014 meeting**

_____ offers the following resolution and moves its adoption:

Approval of Minutes – August 20, 2014 Board Meeting

Seconded by _____

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

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	___	___

Approval of 2015 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 2015 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,

Now 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	___	___

Contract Award – SHW booster Pump Project – Electrical Connection

**Award of Shore Haven Water System – Booster Pump
Station Electrical Connection Contract**

_____ offers the following resolution and moves its adoption:

Whereas, on September 5, 2014, the Authority received 2 quotes for Contract No. SHW-PWC-2014-P1 for the Shore Have Water System – Booster Pump Station Electrical Connection Project as follows:

1. Veith Electric, Inc., Poughkeepsie, NY - \$16,458.00
2. Black Electric, Inc.; Poughkeepsie, NY - \$24,200.00

Whereas, Veith Electric, Inc. submitted the lowest responsible quote in the amount of \$16,458.00, and;

Whereas, Staff have reviewed the quotes and recommends that the contract be awarded to Veith Electric, Inc.;

Therefore, be it resolved, that the quote received on September 5, 2014 from Veith Electric, Inc., Poughkeepsie, NY for Contract No. SHW-PWC-2014-P1 for the Shore Haven Water System – Booster Pump Station Electric Connection Project in the amount of \$16,458.00 be accepted, and that the Executive Director or Deputy Director is authorized to execute a Contract for the same.

Seconded by _____

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

**Award Contract SHW-PWC-2014-B1- Shore Haven Water
System Permanent Treatment Building Project**

_____ offers the following resolution and moves its adoption:

Whereas Bids were received at 2:00 PM on September 10, 2014 at the Authority’s office at 27 High Street, Poughkeepsie, NY for Contract No. SHW-PWC-2014-B1 Shore Haven Water Permanent Treatment Building Contract 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>
3.	Ferrari & Sons, Inc. - Poughkeepsie, NY	\$558,500.00
4.	Mace Contracting Corp. – New Rochelle, NY	\$697,000.00

Whereas, Savin Engineers, PC, the Authority’s consulting engineer for this Project, has reviewed the apparent low bidder’s proposal and qualification documents and has made a recommendation to the Authority; and

Whereas, based upon this review, the Authority Staff recommends that Contract No. SHW-PWC-2014-B1 be awarded to the lowest responsible bidder, Ferrari & Sons, Inc., of Poughkeepsie, NY, in the amount of \$558,500.00; and

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

Therefore, be it resolved that Contract No. SHW-PWC-2014-B1, Permanent Treatment Building Contract, Shore Haven Water System, be awarded to Ferrari & Sons, Inc., of Poughkeepsie, NY who is the bidder found to be in the best interests of the Authority for this Project; and

Be it further resolved that the Executive Director or Deputy Director is authorized to execute a contract with Ferrari & Sons, Inc., of Poughkeepsie, NY in the amount of \$558,500.00 for Contract No. SHW-PWC-2014-B1, Permanent Treatment Building Contract, Shore Haven Water System.

Seconded by _____

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

Declaration of Real Property as Surplus

_____ offers the following resolution and moves its adoption:

Whereas, it has been recommended by staff that the real property known as the Old Hyde Park Water Treatment Plant, located at 16 Church Street, Hyde Park, NY with a tax parcel identity number of 133200-6065-04-933266 (the Property) be declared as surplus real property; and

Whereas it has been determined by professional appraisal that the Property value exceeds \$15,000.00; and

Whereas, in accordance with the Authority’s “Disposal of Property Guidelines” adopted January 15, 2014, prior to offering real property for sale, the Authority’s Board of Director’s is required to adopt a resolution declaring said Property as “Surplus” and authorizing the disposal of the Property; and

Whereas, the Board has reviewed the staff recommendation and finds the declaration of the Property as surplus is in the best interests of the Authority.

Therefore, be it resolved that the Property located at 16 Church Street, Hyde Park, NY with a tax parcel identity number of 133200-6065-04-933266 be declared surplus and shall be disposed of in accordance with the “Disposal of Property Guidelines” adopted January 15, 2014, which includes a Formal Advertisement for Bid and a Resolution adopted by the Board to accept the price of the highest responsible bidder.

Seconded by _____

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

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
September 17, 2014**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<u>Benefit Assessment</u>						
	None this warrant					
	SUBTOTAL		0.00			
<u>Birch Hill Water System</u>						
BHW14058	VRI Environmental Services, Inc.	Operations and Maintenance: August 2014	822.58	9,871.00	6,580.64	66.67%
BHW14059	NYSEG	Electric service: 6/17/14- 8/15/14 (10031922494)	878.25			
BHW14060	USA BlueBook	Solinst probe and cable	559.09			
BHW14061	Dig Safely New York, Inc.	Location Request Services: July 2014	121.68			
BHW14062	Protective Power Systems & Controls, Inc.	Timer installation and testing	463.50			
BHW14063	Byrnes Message Bureau, Inc.	Answering service: September 2014	53.41			
BHW14064	DC Commissioner of Finance	Postage: August 2014	427.82			
BHW14065	Frontier Communications	Telephone service: 8/25/14-9/24/14 (2276847)	40.33			
BHW14066	VRI Environmental Services, Inc.	Repair to leaking booster suction line	417.50			
	SUBTOTAL		3,784.16			
<u>Chelsea Cove Sewer System</u>						
CCS14095	Royal Carting Service Co.	Monthly Refuse Removal: August 2014	76.59			
CCS14096	Environmental Consultants, LLC	Operations and Maintenance: August 2014	3,475.25	41,703.00	27,802.00	66.67%

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
September 17, 2014**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
CCS14097	NYSEG	Electric service: 7/12/14-8/8/14 (10010243847)	2,224.75			
CCS14098	Frontier Communications	Telephone service: 8/7/14-9/6/14 (226 5492)	40.22			
CCS14099	Morris Assoc Engineering Consultants, PLLC.	Professional Services: WWTP Design Services 7/13/14-8/9/14	4,923.00	286,340.00	237,680.30	83.01%
CCS14100	Dutchess TEKCON Ind, Inc.	Maintenance 8/6/14	668.50			
CCS14101	Earthcare - All County Division	Sludge removal:7/22, 7/24, 8/1/14	2,748.00			
CCS14102	Automatic Alarm Services INC.	Service call wiring issues	205.00			
CCS14103	Surpass Chemical Company, Inc.	Credit on prior invoice	36.00			
CCS14104	Veith Enterprises, Inc.	Gear Box Replacment: Electrical Work for 3 phase 30 volt amp	184.00			
CCS14105	Earthcare - All County Division	Sludge removal: 8/12, 8/13, 8/15/14	4,580.00			
CCS14106	Mountain Machine Works	RBC work completed 8/15/14	41,745.00	41,745.00	41,745.00	100.00%
CCS14107	Grainger	Grease bearing/grease pump	127.20			
SUBTOTAL			61,033.51			
 <u>Dalton Farms Sewer System</u>						
DFS14080	Royal Carting Service Co.	Monthly Refuse Removal: August 2017	163.35			
DFS14081	VRI Environmental Services, Inc.	Operations and Maintenance: August 2014	3,598.66	43,184.00	28,789.28	66.67%
DFS14082	NYSEG	Electric service: 7/12/14-8/8/14 (10010243581)	104.94			
DFS14083	Verizon	Telephone service: 8/7/14-9/6/14 (7243574)	23.99			
DFS14084	Frontier Communications	Telephone service: 8/7/14-9/6/14 (223 3038)	45.47			
DFS14085	NYSEG	Electric: 6/19/14-8/8/14 (10015041113/5040438/1025452078)	3,916.60			
DFS14086	USGI Chemfeed, Inc.	Valve units (2)	745.60			
DFS14087	Grainger	Heavy duty oil	859.50			
DFS14088	NYSEG	Electric service: 6/18/14-8/18/14 (10010959681)	385.92			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
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September 17, 2014**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
DFS14089	Frontier Communications	Telephone service: 8/25/14-9/24/14 (LD)	2.65			
DFS14090	Frontier Communications	Telephone service: 8/25/14-9/24/14 (14519600000619907)	11.27			
DFS14091	VRI Environmental Services, Inc.	Change filtration valve	490.00			
SUBTOTAL			10,347.95			
 <u>Dalton Farms Water System</u>						
DFW14038	VRI Environmental Services, Inc.	Operations and Maintenance: August 2014	1,456.58	17,479.00	11,652.64	66.67%
DFW14039	Frontier Communications	Telephone service: 8/7/14-9/6/14 (223 7653)	31.68			
DFW14040	NYSEG	Electric service: 6/19/14-8/8/14 (10015040446/5042020)	3,014.02			
DFW14041	Amrex	Chemicals: Liquid caustic soda/Ammonium Hydroxide	75.60			
DFW14042	Surpass Chemical Company, Inc.	Chemicals: Hypochlorite	55.00			
DFW14043	H.A. Schreck, Inc.	Service Call on Standby Generator: 9/2/14	228.50			
DFW14044	Vector Security	Service Labor to Security System	236.00			
DFW14045	VRI Environmental Services, Inc.	Low storage tank alarm	320.00			
DFW14046 E	VRI Environmental Services, Inc.	Emergency markout	160.00			
SUBTOTAL			5,577.38			
 <u>Escrow</u>						
None this warrant						
SUBTOTAL			0.00			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
September 17, 2014**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
<u>Fairways</u>						
FAW14023	VRI Environmental Services, Inc.	Operations and Maintenance: August 2014	514.08	6,169.00	4,112.64	66.67%
FAW14024	Central Hudson Gas & Electric	Electric service: 7/3/14-8/5/14 (56742480017)	312.23			
SUBTOTAL			826.31			
<u>General</u>						
GEN14169	Van DeWater & Van DeWater, LLP	Professional services: August 2014	455.00	20,000.00	3,786.35	18.93%
GEN14170	DC Commissioner of Finance	Copier/Telephone Service: July 2014	282.83			
GEN14171	MVP Health Care, Inc.	Health Insurance Premium: September 2014 (retiree)	117.00			
GEN14172	MVP Health Care, Inc.	Health Insurance Premium: September 2014 (part time employee)	117.00			
GEN14173	MVP Health Care, Inc.	Health Insurance Premium: September 2014	5,185.85			
GEN14174	DC Commissioner of Finance	Dental/Optical Premiums: July 2014	1,608.29			
GEN14175	NYS Deferred Compensation Plan	Deferred Compensation: Paydate 8/29/14	1,570.00			
GEN14176	AFLAC	August 2014 Premium	309.48			
GEN14177	New York Rural Water Assoc.	Training 9/17/14 GG	28.00			
GEN14178	Staples Credit Plan	August 2014	54.97			
GEN14179	DC Commissioner of Finance	Copier/Telephone Service: August 2014	282.83			
GEN14180	NYS Deferred Compensation Plan	Deferred Compensation: Paydate 9/12/14	1,620.00			
GEN14181	Paychex, Inc.	Administrative Services: Pay Period ending 08/22/14	671.95			
GEN14182	Paychex, Inc.	Administrative Services: Pay Period ending 08/29/14	671.95			
GEN14183	NYS & Local Emp. Ret. System	Retirement System Monthly Reporting: August 2014	1,478.10			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
September 17, 2014**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
SUBTOTAL			14,453.25			
<u>Hyde Park Regional Water System</u>						
HPW14029	Chazen Eng., Land Surveying and Landscaping	Prof Services:SBW Rt9 Pipe replacement(6/28/14-7/25/14)	1,381.00	104,915.00	88,014.30	83.89%
HPW14030	AMTEC Tax Exempt Compliance	Arbitrage Report Update: Series 2009 Service agreement bonds	500.00			
HPW14031	AMTEC Tax Exempt Compliance	Arbitrage Report Update: Series 1998 Service agreement bonds	500.00			
HPW14032	Morris Assoc Engineering Consultants, PLLC.	Professional Services:SBW pipe replacement 7/13/14-8/9/14)	3,603.75	89,250.00	4,611.25	5.17%
HPW14033 ***	Casale Construction Services, Inc.	SBW Water system Rt 9 main replacement (payment #2)	327,336.10	1,426,555.00	346,889.95	24.32%
HPR14235	Royal Carting Service Co.	Monthly Refuse Removal: August 2014	41.40			
HPR14236	Central Hudson Gas & Electric	Electric service: 7/7/14-8/5/14 (56620730012)	35.07			
HPR14237	Verizon	Telephone service: 8/10/14-9/9/14 (229 9233/229 1117)	141.20			
HPR14238	Central Hudson Gas & Electric	Electric service: 6/11/14-7/14/14 (56640195006/53272410004)	623.11			
HPR14239	Cablevision	Internet service: 8/16/14-9/15/14	169.70			
HPR14240	Home Depot Credit Services	Miscellaneous Supply Purchases: July 2014	192.92			
HPR14242 E	M&O Sanitation, Inc.	Pump and clean pump station: 6/10/14	5,000.00			
HPR14243 E	H.A. Schreck, Inc.	Repair and reinstall motor and flow serve pump	4,000.00			
HPR14244	The Vellano Corporation	Gate valves/gaskets/hydrant/valve boxes/reducer/clamps	6,418.00			
HPR14245	JCI Jones Chemicals, Inc.	Chemicals: Chlorine	643.41			
HPR14246	Thomas Gleason Inc.	Item 4: 8/5/14	511.40			
HPR14247 E	Thomas Gleason Inc.	Item 4: 1/29/14	540.50			
HPR14248 E	Thomas Gleason Inc.	Item 4: 2/10/14 and 2/11/14	915.74			
HPR14249 E	Thomas Gleason Inc.	Emergency Leak Repair: Route 9/Farm Lane (2/24/14)	4,565.10			
HPR14250	Chickery's Auto Repair	2006 F-350 (change oil/rotate tires)	98.95			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
September 17, 2014**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
HPR14251	Central Hudson Gas & Electric	Electric service: 6/18/14-8/15/14 (535038000004)	169.71			
HPR14252	Verizon Wireless	Cell phone service: 8/13/14-9/12/14	236.39			
HPR14253	J.D. Johnson Company	Type K Soft copper	414.77			
HPR14254	Chickery's Auto Repair	2012 F-350: Change oil/mount+balance 2 tires	489.95			
HPR14255	Ti-Sales	Neptune meters	1,509.78			
HPR14256	Ulster Uniform Service, Inc.	Uniforms: July 2014	194.00			
HPR14257	Surpass Chemical Company, Inc.	Chemicals: Hypochlorite	156.00			
HPR14258	Wex Inc.	Fuel for vehicles: August 2014	2,077.48			
HPR14259	Conway's Lawn & Power Equipmnt	Spark plug/filter/sharpen chain/snapper part	145.13			
HPR14260 E	Double Dee Excavating Corp.	Excavation/Leak Repair/Lagoon Cleaning: August 2014	8,655.00			
HPR14261	USA BlueBook	Buffer/packing style	118.31			
HPR14262	Thomas Gleason Inc.	Item 4: 8/20/14	720.20			
HPR14263	Henderson Ford	2014 F150	22,570.89			
HPR14264	Williams Lumber & Home Centers	Miscellaneous Supply Purchases: August 2014	217.24			
HPR14265	Central Hudson Gas & Electric	Electric: 56171635016/3730013/4600017 (7/23/14-8/20/14)	7,756.82			
HPR14266	Jonathan Churins	Reimbursement: EVDO Verizon Wireless Part	440.65			
	SUBTOTAL		403,089.67			
	<u>Rokeby Water System</u>					
RKW14022	VRI Environmental Services, Inc.	Operations and Maintenance: August 2014	616.91	7,403.00	4,935.28	66.67%
	SUBTOTAL		616.91			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
September 17, 2014**

<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>						
DSW14017	VRI Environmental Services, Inc.	Operations and Maintenance: August 2014	462.66	5,552.00	3,701.28	66.67%
DSW14018	NYSEG	Electric service: 7/11/14-8/11/14 (10011912549)	111.68			
DSW14019	Davies Hardware	Miscellaneous Supplies: August 2014	19.18			
SUBTOTAL			593.52			
<u>Shore Haven Water System</u>						
SHW14048	VRI Environmental Services, Inc.	Operations and Maintenance: August 2014	860.16	10,322.00	6,881.28	66.67%
SHW14049	NYSEG	Electric service:6/18/14-8/15/14 (10032103375)	425.33			
SHW14050	Prime Print Shop	Copies:SHW Booster Pump	10.80			
SHW14051	Poughkeepsie Journal	Bids: Shorehaven Pump Station Equipment	96.02			
SHW14052	Poughkeepsie Journal	Bids: Shorehaven PreFabricated Metal Building	137.74			
SHW14053	Weston & Sampson Engineers, Inc.	Professional services: Shorehaven Water Dist Improvement #11	3,000.00	133,500.00	106,123.52	79.49%
SUBTOTAL			4,530.05			
<u>Central Dutchess Water Transmission Line</u>						
CDW14152	Royal Carting Service Co.	Monthly Refuse Removal: August 2014	36.23			
CDW14153	Central Hudson Gas & Electric	Electric: 7/7/14-8/4/14 (56852136011/2135013/50624675000)	2,809.03			
CDW14154	Verizon	Telephone service: 8/10/14-9/9/14 (471 0917)	213.39			

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
September 17, 2014**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
CDW14155	MVP Health Care, Inc.	Health Insurance Premium: September 2014	1,205.36			
CDW14156	Time Warner Cable	Internet service: 8/19/14-9/18/14 (8150410150093567)	67.66			
CDW14157	Dutchess TEKCON Ind, Inc.	HVAC Maintenance: 8/6/14	730.50			
CDW14158	DC Commissioner of Finance	Dental/Optical Premiums: July 2014	104.98			
CDW14159	Dig Safely New York, Inc.	Location Request Services: July 2014	113.36			
CDW14160	FedEx	Overnight delivery: 8/8/14	26.83			
CDW14161	Cablevision	Internet service: 8/23/14-9/22/14	119.90			
CDW14162	Verizon	Telephone service: 8/13/14-9/12/14(P230477)	126.39			
CDW14163	Wex Inc.	Fuel for vehicles: August 2014	302.38			
CDW14164	J.D. Johnson Company	Plumbing supplies	208.02			
CDW14165	Security Supply Corp.	Bushing/tee/valve/tape	32.79			
CDW14166	USA BlueBook	Lead free brass reducer	168.55			
CDW14167	Davies Hardware	August 2014	20.99			
CDW14168	Arlington Auto & Tire	2014 Jeep Patriot: Oil change and tire rotation	58.99			
CDW14169	Williams Lumber & Home Centers	August 2014	117.66			
CDW14170	DC Commissioner of Finance	Postage: August 2014	10.93			
CDW14171	City of Poughkeepsie	Water purchase: August 2014	128,739.66			
CDW14172	Paychex, Inc.	Administrative Services: Pay Period ending 08/22/14	10.51			
CDW14173	Paychex, Inc.	Administrative Services: Pay Period ending 08/29/14	10.51			
CDW14174	NYS & Local Emp. Ret. System	Retirement System Monthly Reporting: August 2014	422.73			
	SUBTOTAL		135,657.35			

VALLEY DALE SEWER SYSTEM

**DUTCHESS COUNTY WATER AND WASTEWATER AUTHORITY
WARRANT
September 17, 2014**

<u>VOUCHER</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CONTRACT</u>	<u>TO DATE</u>	<u>PERCENT</u>
VDS14070	VRI Environmental Services, Inc.	Operations and Maintenance: August 2014	1,370.91	16,451.00	10,967.28	66.67%
VDS14071	Verizon	Telephone service: 8/10/14-9/9/14 (635 8820)	23.98			
VDS14072	USA BlueBook	Powder pillows/Vest and cap	198.85			
VDS14073	Surpass Chemical Company, Inc.	Chemicals: Sodium Hypochlorite 15.5GL	193.45			
VDS14074	Central Hudson Gas & Electric	Electric:7/24/14-8/21/14 (56530702002/0700014/0701004)	880.29			
VDS14075	Grainger	Grease bearing	137.84			
SUBTOTAL			2,805.32			
 <u>VALLEY DALE WATER SYSTEM</u>						
VDW14024	VRI Environmental Services, Inc.	Operations and Maintenance: August 2014	514.08	6,169.00	4,112.64	66.67%
VDW14025	Central Hudson Gas & Electric	Electric service: 7/24/14-8/21/14 (56530720004)	696.10			
VDW14026	Red Cedar Arborists & Landscapers, Inc	Mowing 8/25/14	1,680.00			
SUBTOTAL			2,890.18			
TOTAL WARRANT			646,205.56			

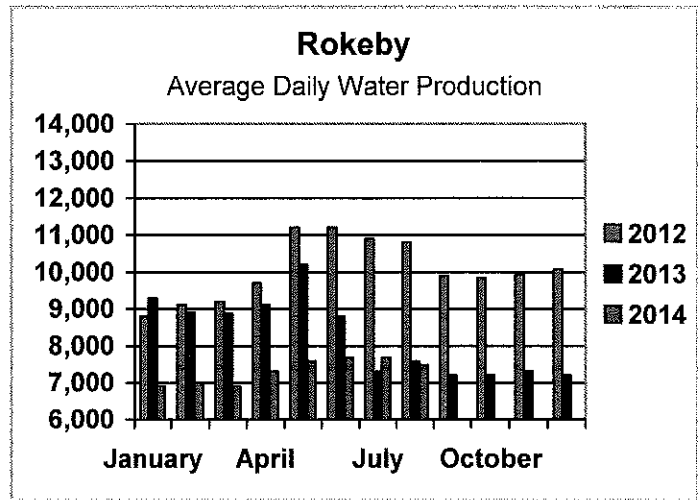
* Over \$10,000 - Check Requires Two Signatures

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

E/P Procurement Policy Emergency Repair Provision

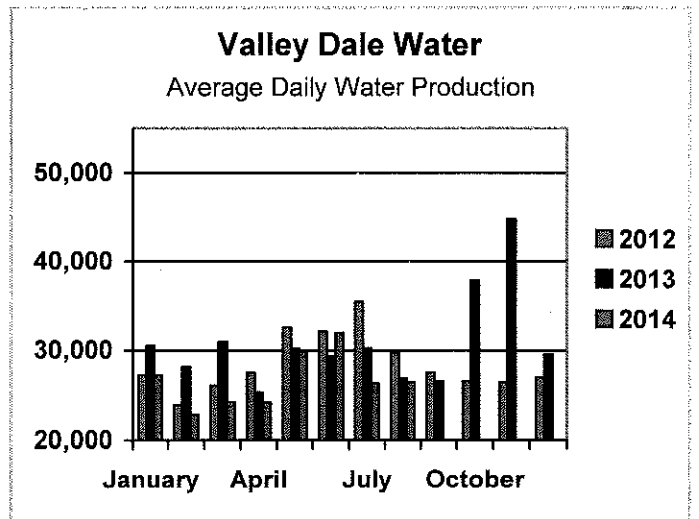
4. Rokeby Water (Zone F)

Average daily production: August- 7,500
 July- 7,700 June- 7,700
 All testing aspects are in compliance.
 Action items:
 - Routine operations.



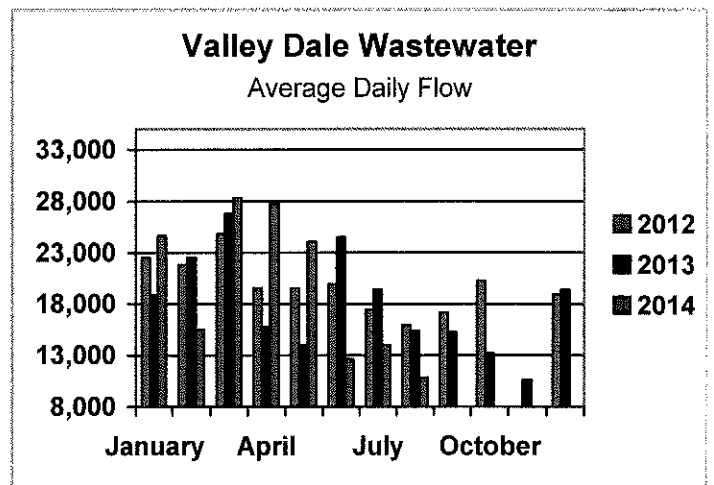
5. Valley Dale Water

Average daily production: August- 26,424
 July- 26,282 June- 31,962
 All testing aspects are in compliance.
 Action Items:
 - Changed 5 micron filters.
 - Wells 4, 5, and 6 alternated.



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

Average daily flow: August- 10,808
 July- 13,975 June- 12,607
 All testing aspects are in compliance.
 Action Items:
 - Routine operations.



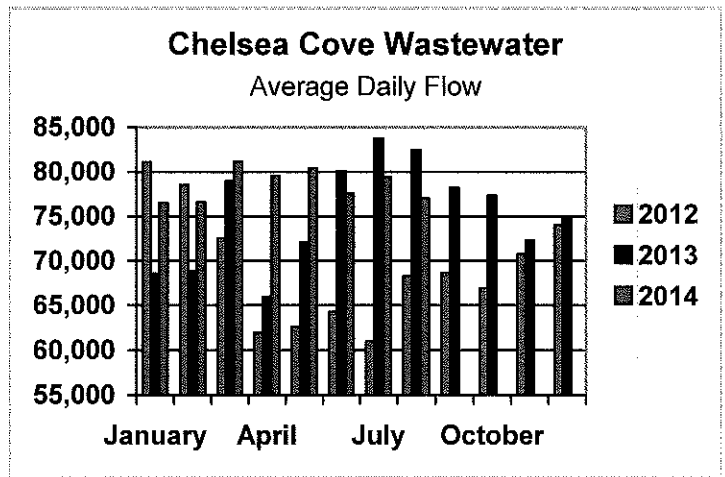
**7. Chelsea Cove Wastewater
(S.D. #1)**

Average daily flow: August- 77,061
July- 79,484 June- 77,620

All testing aspects are in compliance.

Action Items:

- Normal operations.
- RBC Gearbox replaced
- TSS and BOD limits above permit limits, associated with RBC loading.



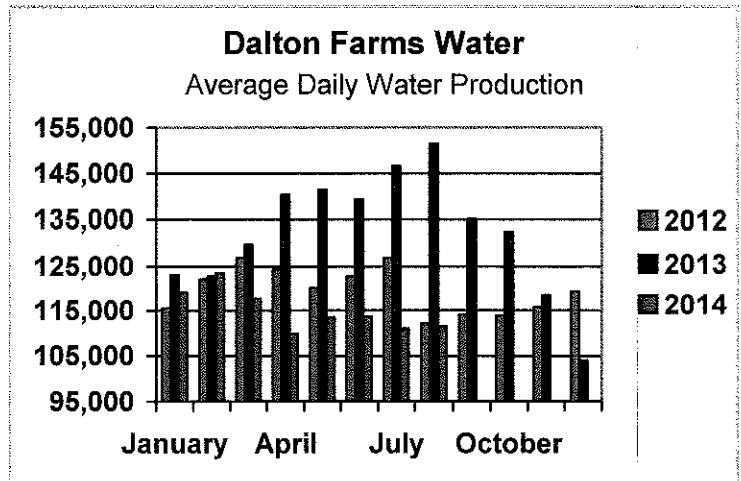
8. Dalton Farms Water (Zone H)

Average Daily Production: August-111,500
July- 111,000 June- 113,600

All testing aspects are in compliance.

Action Items:

- Normal operations.
- Inspected operations of PRV valves in distribution system.



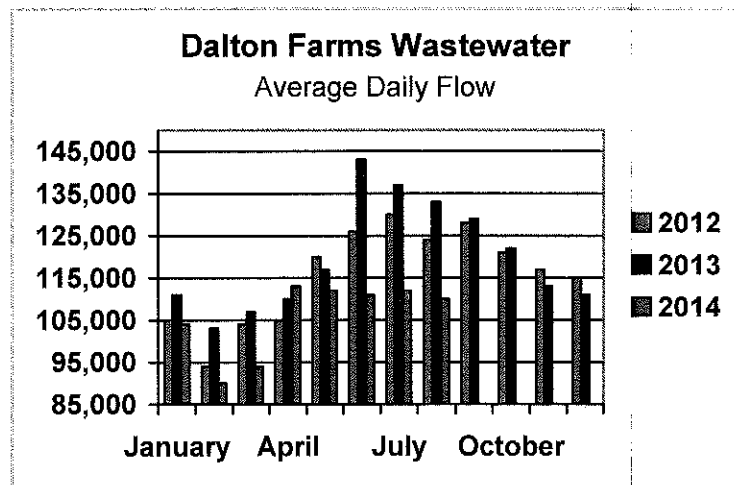
9. Dalton Farms Wastewater (S.D. #3)

Average Daily Flow: August- 110,000
July- 112,000 June- 111,000

All testing aspects are in compliance.

Action Items:

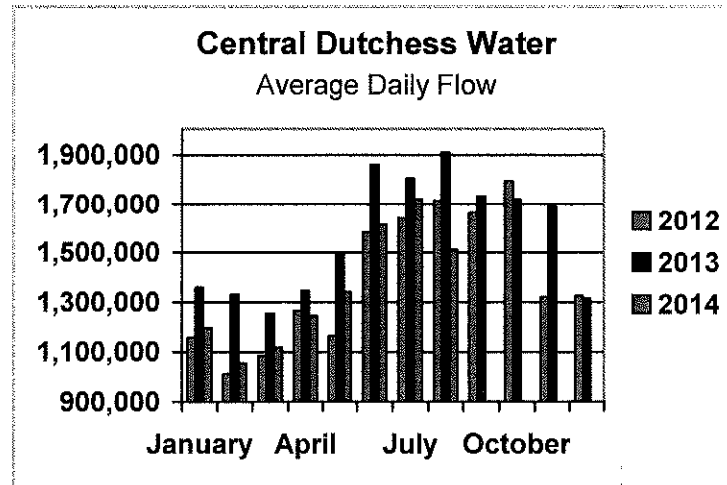
- Normal operations.
- Replaced filtrate valve for #2 filter.



10. Central Dutchess Water Transmission Line

Average Daily Flow: August- 1,510,710
 July- 1,721,700 June- 1,614,333
 All testing aspects are in compliance.
 Action Items:

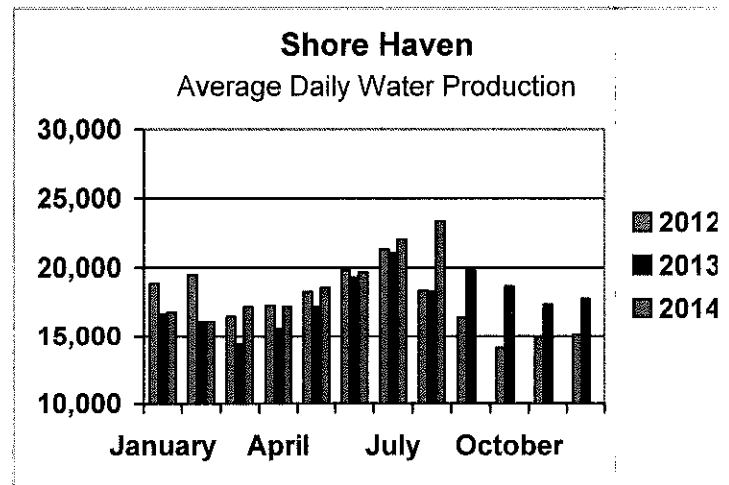
- Normal operations.
- Repaired coupling on main replaced.



11. Shore Haven Water (Zone J)

Average daily production: August- 23,300
 July- 22,000 June- 19,700

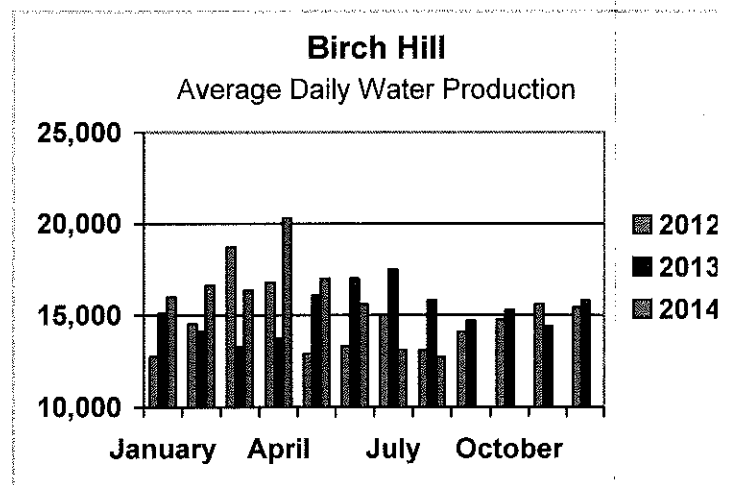
- Action items:
- Distribution system flushed.



12. Birch Hill Water (Zone K)

Average daily production: August- 12,700
 July- 13,100 June- 15,600
 All testing aspects are in compliance.
 Action items:

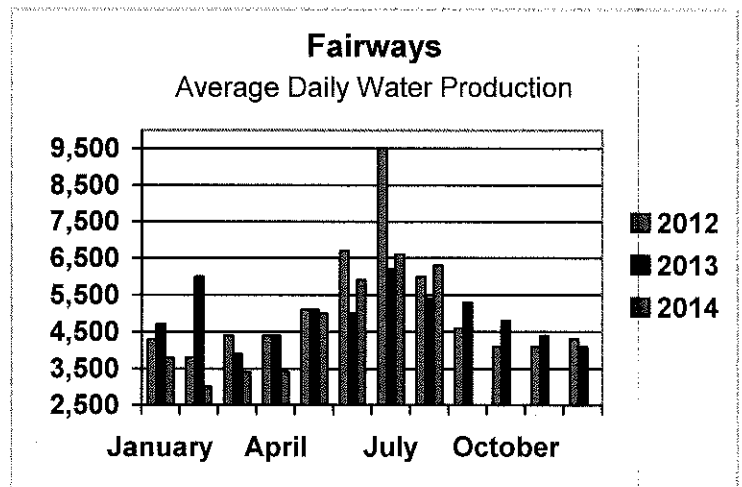
- Normal operations.



13. Fairways Water (Zone M)

Average daily production: August- 6,300
July- 6,600 June- 5,900
All testing aspects are in compliance.
Action items:

- Normal operations.



TO: Authority Board
FROM: Bridget Barclay
DATE: September 12, 2014
RE: Shore Haven Water System Improvements Status Report

1) **Permanent Water Treatment Building** - Last month, the Building Project went out to bid. A mandatory pre-bid conference was held at the Project site on Thursday, August 21. Eight contractors, Savin Engineers, Silkworth Engineering, DCWWA Staff, and DCWWA Board Member Larry Knapp attended this pre-bid meeting. At the recommendation of Mr. Knapp, the bid opening date was moved to Weds., September 10 to allow potential bidders additional time after the Labor Day holiday to prepare their bids. Subsequently, two bids were received at the DCWWA office by the September 10th due date. Savin Engineers is reviewing the bids and their recommendation will be provided to the Authority Board for possible action at the Board's September 17th meeting.

2) **Permanent Water Treatment System** - Authority Staff continue to work with Savin Engineers in the review and revision of preliminary design specs, drawings and other project documents for the future permanent treatment system and standby generator. Once design issues have been addressed, the project documents can be updated. Savin anticipates that the documents will be ready by October 15th for submittal to NYS DOH for regulatory approval.

3) **Booster Pump Station** - The booster pump station is in the shop drawing review process. Once the drawings are approved by Savin, the booster pump station will be manufactured in Texas by Tigerflow. At this point in time, the vendor has projected delivery of the booster pump station to Shore Haven by early November.

Quotes have been obtained by Authority Staff for the electrical connection work on the booster pump station. The work will involve the wiring of the future pump station to the site's existing single-phase power source, as well as field installation of some manufacturer-supplied fixtures/accessories once the booster pump station is on site. Please see related resolution in this month's Board packet regarding the award of the contract for this electrical work.

4) **Distribution System Improvements Design** - Weston & Sampson continue with the design of the distribution system improvements. Weston & Sampson have prepared preliminary cost estimates of the various improvement components. Authority Staff are presently evaluating these estimates.

5) Radiologicals remain below the MCL - Water samples collected on June 8, 2014 indicated combined radium 226 and radium 228 levels of 1.7 pCi/L (pico curies per liter). This is down from the samples taken this past March, which had been measured at 5.2 pCi/L for the combined radium 226 and radium 228 levels. The quarterly average for radium 226 and radium 228 levels is now 4.4 pCi/L. The Maximum Contaminant Level (MCL) for combined radium 226 and radium 228 is 5 pCi/L.

6) Disinfection By-Products Levels remain below Drinking Water Standards - Based on the second quarter sampling results for 2014 (collected 6/6/2014), 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 27.7 ug/l, bringing the four-quarter rolling average to 34.8 ug/l, compared to a MCL of 80 ug/l. The second quarter HAA5 level was 20.0, bringing the four-quarter rolling average to 34.5 ug/l, compared to a MCL of 60 ug/l. Levels of THM's and HAA5's (Disinfection by-products) have both been below the MCL since September 2012.

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.

7) Lead and Copper Results remain below action levels - Lead and copper samples were collected on June 9 & 10, 2014 from ten houses connected to the Shore Haven Water System. None of the sites sampled exceeded the action levels for lead or copper. The 90th percentile results were 3 ug/l for Lead (action level is 15 ug/l) and 0.828 mg/l for copper (action level for copper is 1.3 mg/l).

8) Distribution System Flushing - Routine maintenance flushing of the distribution system continues on a monthly basis.

TO: Authority Board
 FROM: Bridget Barclay
 DATE: September 11, 2014
 RE: 2015 Tentative Assessment Levy

The following summarizes the tentative assessment levy and proposed assessment rates for 2015, with 2014 figures shown for purposed of comparison. As required by County Law, Tentative Assessment Rolls will be filed on September 15. The County Benefit Assessment Review Board will hold a Grievance Hearing on October 9th. 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 the 2014 Repayment of the County Advance was increased due to surplus debt service reserve fund dollars as a result of prior refinancings. The 2015 Repayment amount reflects the lack of surplus fund to be allocated, along with an increase in the 2015 debt service payment. In addition, we have increased the DCWWA Service Fee amount due to ongoing litigation expenses.

Zones of Assessment A/B (Hyde Park)

	2014 Final	2015 Tentative
Principal and Interest	\$1,405,856.82	\$1,434,995.24
Trustee Fees	\$7,901.30	\$9,004.29
DCWWA Service Fee	\$35,619.55	\$40,362.17
Repayment of County Advance	\$105,088.49	\$75,119.73
Prior Year Chargeback	0	0
TOTAL EXPENSES	\$1,554,466.16	\$1,599,481.43
Total Benefit Unit Equivalent	4416.09	4384.17
Rate per Benefit Unit:		
ZARD	\$346.96	\$351.51
ZARV	\$131.85	\$133.57
ZACD	\$395.54	\$400.72
ZACV	\$149.19	\$151.15
ZBRD	\$322.59	\$325.52
ZBRV	\$122.59	\$123.70
ZBCD	\$367.76	\$371.09
ZBCV	\$138.72	\$139.97
Cost per typical SFR	\$346.96	\$351.51

A slight increase in the principal and interest expense for 2015 has been offset by an increase in the total benefit units, brought about by increased usage by commercial customers, allowing assessment rates to remain relatively constant.

Zone of Assessment C (Staatsburg)

	2014 Final	2015 Tentative
Principal and Interest	\$288,965.93	\$290,517.11
Trustee Fees	\$1,493.79	\$1,511.55
DCWWA Service Fee	\$6,294.43	\$6,261.29
Prior Year Chargeback	\$0	\$0
Total Expenses	\$296,754.15	\$298,289.95
Total # Benefit Units	8735	8796
Rate per Benefit Unit	\$33.973	\$33.912
Cost per typical SFR	\$339.73	\$339.12

For Zone D a decrease in benefit units, driven by decreased water usage by commercial customers, has resulted in an increase in assessment rates.

Zone of Assessment D (Harbour Hills)

	2014 Final	2015 Tentative
Principal and Interest	\$226,081.07	\$226,503.86
Trustee Fees	\$4,123.52	\$4,033.32
Capital Contribution to HP	\$45,985.28	\$45,985.28
DCWWA Service Fee	\$4,598.80	\$4,720.68
Total Expenses	\$280,788.67	\$281,243.14
# of Benefit Units	5287	5176
Rate per Benefit Unit	\$53.009	\$54.336
Cost per Typical SFR	\$530.09	\$543.36

There are no significant changes for Zone H.

Zone of Assessment H (Dalton Farms)

	2014 Final	2015 Tentative
Principal and Interest	\$156,662.50	\$156,162.50
Trustee Fees	\$1,750.00	\$1,925.00
DCWWA Service Fee	\$3,752.74	\$3,766.12
Total Expenses	\$162,165.24	\$161,853.62
# Benefit Units	6451	6444.5
Rate per Benefit Unit	\$25.138	\$25.115
Cost per Typical SFR	\$251.38	\$251.15

There are no significant changes for Zone J.

Zone of Assessment J (Shore Haven Water)

	2014 Final	2015 Tentative
Principal and Interest	\$110,454.44	\$110,785.80
Trustee Fees	\$331.36	\$364.49
DCWWA Service Fee	\$1,657.97	\$1,584.12
Total Expenses	\$112,443.77	\$112,734.41
# Benefit Units	1211	1211
Rate per Benefit Unit	\$92.852	\$93.092
Cost per Typical SFR	\$928.52	\$930.92

There is a slight increase in assessment rates in Birch Hill for 2015, resulting from a small increase in expenses coupled with a small decrease in benefit units.

Zone of Assessment K (Birch Hill Water)

	2014 Final	2015 Tentative
Principal and Interest	\$67,891.51	\$68,151.45
Trustee Fees	\$369.49	\$406.44
DCWWA Service Fee	\$967.95	\$932.70
Total Expenses	\$69,228.95	\$69,490.59
# Benefit Units	695	690
Rate per Benefit Unit	\$99.61	\$100.711
Cost per Typical SFR	\$996.10	\$1,007.11

A decrease in the benefit unit count for Zone L, driven by decreased water usage by commercial customers, has resulted in an increase to the assessment rates.

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

	2014 Final	2015 Tentative
Principal and Interest	\$75,993.07	\$75,816.42
Trustee Fees	\$280.54	\$304.89
DCWWA Service Fee	\$1,152.72	\$1,112.39
Capital Contribution to HP	\$16,029.16	\$16,029.16
Total Expenses	\$93,455.49	\$93,262.86
Total Benefit Unit Equivalent	342.14	328.46
Rate per Benefit Unit:		
ZLRD	\$273.15	\$283.94
ZLRV	\$103.80	\$107.90
ZLCD	\$311.39	\$323.69
ZLCV	\$117.45	\$122.09
Cost per Typical SFR	\$273.15	\$283.94

With no significant change in the benefit unit count or expenses for Chelsea Cove, Valley Dale and Dalton Farms Sewer Systems, benefit assessment rates for 2015 have not changed significantly for these three systems.

Part County Sewer District #1 (Chelsea Cove)

	2014 Final	2015 Tentative
Principal and Interest	\$115,781.26	\$115,780.00
Trustee Fees	\$1,500.00	\$1,500.00
DCWWA Service Fee	\$6,790.79	\$6,679.70
Total Expenses	\$124,072.05	\$123,959.70
# Benefit Units		
Zone A	4801	4801
Zone B	961	961
Rate per Benefit Unit		
Zone A	\$25.412	\$25.389
Zone B	\$2.153	\$2.151
Cost per Typical SFR (Zone A)	\$254.12	\$253.89

Part County Sewer District #2 (Valley Dale Sewer)

	2014 Final	2015 Tentative
Principal and Interest	\$29,218.76	\$29,538.48
Trustee Fees	\$1,500.00	\$1,500.00
DCWWA Service Fee	\$1,486.23	\$1,535.57
Total Expenses	\$32,204.99	\$32,574.05
# Benefit Units	1214	1214
Rate per Benefit Unit	\$26.528	\$26.832
Cost per Typical SFR	\$265.28	\$268.32

Part County Sewer District #3 (Dalton Farms Sewer)

	2014 Final	2015 Tentative
Principal and Interest	\$163,750.00	\$163,812.50
Trustee Fees	\$1,750.00	\$1,925.00
DCWWA Service Fee	\$3,585.29	\$3,522.52
Total Expenses	\$169,085.29	\$169,260.02
# Benefit Units	6215	6202.5
Rate per Benefit Unit	\$27.206	\$27.289
Cost per Typical SFR	\$272.06	\$272.89