

Catskill Watershed Corporation
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EMAIL COVER SHEET

August 25, 2017

TO: SEPTIC COMMITTEE

ATTN: Thomas Hynes
Wayne Marshfield
Tina Molé
Richard Parete
Robert Pelham

Michael Triolo
Anthony Van Glad
Michael Meyer
Thomas Snow
Richard MacElrath

CC: CWC Staff, Linda Geary, Lisa Melville, John Schwartz, Tom Stalter, and David Warne

FROM: Frieda Suess, Secretary

SUBJECT: Septic Committee Meeting Notice

DATE: Tuesday, September 5, 2017

TIME: **Morning Committees commence at 9:00 a.m. Septic Committee will commence immediately following conclusion of the Wastewater Committee Meeting.**

LOCATION: Catskill Watershed Corporation Building

Additional Instructions:

Please be advised that the Septic Committee meeting has been scheduled. Below please find the agenda and minutes from the previous meeting. If you have any questions or concerns, please contact Leo LaBuda.

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AGENDA

CATSKILL WATERSHED CORPORATION SEPTIC COMMITTEE MEETING September 5, 2017 following wastewater

- I. Call to Order
- II. Review of last meetings minutes
- III. Septic Program
 - a. Daisy DeJean over \$25,000
 - b. Rayla Hart additional cost
 - c. Donald Moseman over \$25,000
 - d. Johanna Shafer over \$ 25,000
 - e. Jennifer Meyer-Anderson additional costs
 - f. John Keane over \$25,000
 - g. Richard Tazzara additional costs
 - h. Christopher Perry over \$25,000
 - i. Rudolph Landolt over \$25,000
 - j. Roderick Hillis over \$25,000
 - k. Vanessa Jacobs over \$25,000
 - l. Wendy Loring additional costs
 - m. Septic Cluster
 - n. Septic Maintenance
 - o. Septic Update
 - p. Other
- IV. Schedule next meeting October 3, 2017
- V. Adjournment

Daisy DeJean over \$25,000: This project is located in the Town of Shandaken. The dwelling has 4 bedrooms. The major components include a 1,250 gallon septic tank, 45 l.f. of 4" gravity piping, one distribution box, 435 cubic yards of absorption fill material, 76 cubic yards of random fill, one effluent filter, 900 s.f. of absorption bed, 8,900 s.f. of site restoration, tree removal, and temporary access road. We received three quotes for \$35,700.00, \$34,525.00, and \$34,007.46. The low quote is within 10% of our estimated cost. We are therefore requesting that the Septic Committee recommend to the Board of Directors that they approve the low quote of \$34,007.46.

Rayla Hart additional cost: This project is located in the Town of Olive. The project was previously approved for \$34,225.10. During the construction phase an abandoned dug well was uncovered. The contractor was directed by the project engineer to fill in the well to insure that a short circuit would not occur, also for safety reasons. The contractor pumped out the well and filled it in with approximately 15 cubic yards of absorption fill material. The condition was corroborated by the project engineer in writing. The contractor is requesting \$438.00. The cost appears reasonable and just. We are requesting that the Septic Committee recommend to the Board of Directors that they approve the additional cost of \$438.00, for a total project cost of \$34,663.10.

Donald Moseman over \$25,000: This project is located in the Town of Stamford. The dwelling has 3 bedrooms. In 2011 we paid to have a septic tank installed. This quote does not include a septic tank. The major components include 340 l.f. of 4" gravity piping, one distribution box, 296 cubic yards of absorption fill material, one effluent filter, 288 s.f. of Eljen filters, 10 cubic yards of C-33 sand, 150 l.f. of swale, 5,200 s.f. of restoration, 17 l.f. of Schedule 80 piping, two trench dams, tree clearing, one dropbox, and pumping of the existing tank. We received a quote from a contractor for \$26,200.00. The quote is within 10% of our estimated cost of construction. We are requesting that the Septic Committee recommend to the Board of Directors that they approve this quote.

Johanna Shafer over \$25,000: This project is located in the Town of Shandaken. The dwelling has 3 bedrooms. The major components include a 1,000 gallon septic tank, one dosing chamber, 25 l.f. of 4" gravity piping, 50 l.f. of forcemain, one distribution box, 475 cubic yards of absorption fill material, 240 l.f. of absorption trench, 130 l.f. of curtain drain, 60 l.f. of drain outlet, temporary access road, tree removal, Goulds model SDSI sink drain system, tree removal, and site restoration. We received three proposals for \$39,515.00, \$39,300.00, and \$38,747.72. The lowest quote is within 10% of our estimated cost of construction. Therefore, we are requesting that the Septic Committee recommend to the Board of Directors that they accept this quote for \$38,747.72.

Jennifer Meyer-Anderson additional costs: This project is located in the Town of Andes. The project was previously approved for \$28,167.60. After the construction was completed the absorption area appeared to become very wet. The engineer's investigation discovered four 4 inch drainage pipes directly upslope of the disposal area. The discharge of these pipes had completely saturated the disposal area. The engineer has proposed to add a curtain drain approximately three feet deep to extend the drains out past the disposal area. We received a quote from the contractor to construct 70 l.f. of curtain drain in accordance with the engineer's direction to correct this condition. The contractor has requested \$1,043.00 to complete this work. The cost of the additional work appears reasonable and justified. We are requesting that the Septic Committee recommend to the Board of Directors that they approve the additional cost of \$1,043.00 for a total project cost of \$29,210.60.

John Keane over \$25,000: This project is located in the Town of Walton. This dwelling has 3 bedrooms. The major components include a 1,000 gallon septic tank, one siphon chamber, 210 l.f. of 4" gravity piping, 339 cubic yards of absorption fill material, one effluent filter, 225 l.f. of absorption trench, 275 l.f. of curtain drain, 2 animal guards, tree removal, patio removal, and site restoration. We received three proposals for \$42,195.00, \$39,250.00, and \$34,431.00. The low proposal is within 10% of our estimated

cost of construction. Therefore, we are requesting that the Septic Committee recommend to the Board of Directors that they accept this quote for \$34,431.00.

Richard Tazzara additional costs: This project is located in the Town of Roxbury. The project was previously approved for \$29,995.00. Upon completion of this system it became apparent that additional measures were needed to control the flow of surface water. Recent heavy rains made the conditions worse. The contractor agreed to install an additional swale as per the engineer's direction to insure the surface water will run away from the new system. The contractor requested an additional \$1,924.00 to complete the additional work and to restore the areas that were disturbed due to the work. The costs appear reasonable and justified. We are requesting that the Septic Committee recommend to the Board of Directors that they approve the additional cost of \$1,924.00 for a total project cost of \$31,919.00.

Christopher Perry over \$25,000: This project is located in the Town of Delhi. This dwelling has 5 bedrooms. The major components include a 1,500 gallon septic tank, one pump station, 229 l.f. of 4" gravity piping, one distribution box, 456 cubic yards of absorption fill material, one effluent filter, 360 l.f. of absorption trench, 155 l.f. of curtain drain, 130 l.f. of swale, and total site restoration. We received three quotes for \$46,650.00, \$45,000.00, and \$42,042.00. The low quote is within 10% of our estimated cost of construction. We are requesting that the Septic Committee recommend to the Board of Directors that they approve this quote for \$42,042.00.

Rudolph Landolt over \$25,000: This project is located in the Town of Stamford. This dwelling has 5 bedrooms. The major components include a 1,500 gallon septic tank, 160 l.f. of 4" gravity piping, one distribution box, 635 cubic yards of absorption fill material, one effluent filter, 315 l.f. of absorption trench, 170 l.f. of swale, and extensive site restoration. We received three quotes for \$41,200.00, \$41,040.00, and \$38,335.90. The low quote is within 10% of our estimated cost of construction. We are therefore requesting that the Septic Committee recommend to the Board of Directors that they approve the quote for \$38,335.90.

Roderick Hillis over \$25,000: This project is located in the Town of Stamford. The dwelling has 5 bedrooms. The major components include a 1,500 gallon septic tank, one siphon chamber, 148 l.f. of 4" gravity piping, one distribution box, 383 cubic yards of absorption fill material, 360 l.f. of absorption trench, 100 l.f. of curtain drain, 90 l.f. of swale, 50 l.f. of Schedule 80 sleeve, 10 l.f. of curtain drain outlet piping, and extensive site restoration. We received three quotes for \$44,190.00, \$44,000.00, and \$36,500.00. The low quote is within 10% of our estimated cost of construction. We are requesting that the Septic Committee recommend to the Board of Directors that they accept this quote for \$36,500.00.

Vanessa Jacobs over \$25,000: This project is located in the Town of Woodstock. This dwelling has 2 bedrooms. The major components include a 1,000 gallon septic tank, one pump chamber, 43 l.f. of 4" gravity piping, one distribution box, 230 cubic yards of absorption fill, one effluent filter, 400 s.f. of absorption bed, 90 foot long retaining wall, tree removal, and extensive site restoration. We received a quote for \$28,028.00. The quote is within 10% of our estimated cost of construction. We are therefore requesting that the Septic Committee recommend to the Board of Directors that they accept the quote for \$28,028.00.

Wendy Lorzing additional costs: This project is located in the Town of Olive. In 2005 the Board of Directors approved a quote for a new system in the amount of \$32,978.90. The system was constructed. Last year it was discovered that another system exists on the back side of the house. The tank collapsed and the property is currently in violation. The failing system serves just one bathroom (shower, sink, and toilet). A new septic tank is proposed to serve just this bathroom (there is no cost effective way to connect this bathroom to the original system). The design includes the removal of several trees and small loads due to the fact that the lot is very small. We received three quotes for \$12,950.00, \$12,444.00, and \$10,750.00. All three quotes appear to be above our estimated cost of construction. Our estimated cost of

construction is \$5,450.80. We also anticipate possible rock removal in this area. That would be considered as an additional cost. The homeowner has requested that we bring this to the Septic Committee and have the committee rule on the acceptance of these quotes due to the fact that she is "unsuccessful in getting any additional quotes and it's over a year".

Septic Cluster: Leo LaBuda will update the committee.

Septic Maintenance: Larry Kelly will review the status with the committee.

Septic Update: Leo LaBuda will evaluate the latest Septic Update with the Committee.

Other:

Catskill Watershed Corporation
Septic Committee Meeting
August 1, 2017
Draft Minutes

Attendance:

Committee Members: Tom Hynes (Director), Wayne Marshfield (Director), Tina Mole' (Director), Richard Parete (Director), Robert Pelham (Director), Anthony Van Glad (Director), Thomas Snow (NYSDEC), Alan Rosa (CWC), Michael Triolo (Director), Michael Meyer (NYCDEP)

Others: Won Kyung Chang (Watershed Resident), Samantha Costa (CWC), Tim Cox (CWC), Bruce Dolph (Coalition of Watershed Towns), Marty Donnelly (Director), Jim Eisel (Director), Matthew Giannetta (NYCDEP), John Jacobson (CWC), LynnAnn Kavanagh (CWC), Larry Kelly (CWC), Leo LaBuda (CWC), John Mathiesen (CWC), Jim Martin (CWC), Mark McCarthy (Director), Molly Oliver (Delaware County Watershed Affairs), Barbara Puglisi (CWC), Justine Rutherford (CWC), Tom Stalter (NYCDEP), John Schwarz (NYCDEP), Jim Sofranko (Director), Dave Warne (NYCDEP)

- I. The meeting was called to order at 9:54 AM by Wayne Marshfield.
- II. Minutes from the July Committee meeting were reviewed and approved as written.
- III. Septic Program
 - A. **Lee Finlay Over \$25,000.00:** Ms. Finlay's project is located in the Town of Olive. Her proposed septic system will serve a four bedroom house. Major components of this system include a 1,250 gallon septic tank, a pump chamber, 30 linear feet of 4" gravity piping, 18 linear feet of force main, 399 cubic yards of absorption fill material, one effluent filter, 330 linear feet of absorption trench, 6,340 square feet of site restoration, temporary access road and tree removal. Ms. Finlay's contractor has submitted a quote for \$29,569.70 to build this system. This is slightly below the staff estimated cost of construction based on the Schedule of Values. The engineer for this project is Joe Boek, the contractor is Steve Davis. The Septic Committee recommended that a resolution be brought before the Board of Directors to approve reimbursing Lee Finlay in the amount not to exceed \$29,569.70 to build her septic system.
 - B. **Patricia Crosby Additional Cost:** Ms. Crosby's project is located in the Town of Tompkins. During construction the engineer asked the contractor to install heavy duty tanks due to their location near the driveway. Heavy duty tanks are H20 rated. They will support 20,000 lbs. per axle. Additionally, a 100 linear foot curtain drain was installed that was not previously paid for. The contractor has asked for \$2,290.00 for the additional work. This cost is in accordance with the Schedule of Values. Total project cost with this addition will be \$31,668.00. The engineer for this project is Sander Engineering, the contractor is Jarred Robinson. The Septic Committee recommended that a resolution be brought before the Board of Directors to reimburse Patricia Crosby in the amount not to exceed \$2,290.00 for additional costs to build her septic system.
 - C. **Nicholas Burton Additional Cost:** Mr. Burton's project is located in the Town of Andes. His project was previously approved for \$38,300.00. During construction the engineer directed the contractor to replace old deteriorated metal piping and laid up stone to direct water away from the new absorption field. An additional 140 linear feet of 12" HDPE piping was installed. The contractor has asked for an additional \$4,083.00 for the additional work. This cost appears to

be fair and reasonable. The engineer for this project is Steele Brook Engineering, the contractor is Excavating. With this addition, the total project cost will be \$42,383.00. The Septic Committee recommended that a resolution be brought before the Board of Directors to reimburse Nicholas Burton in the amount not to exceed \$4,083.00 for additional costs to build his septic system.

- D. **Beverly Thayer Over \$25,000.00:** Ms. Thayer's project is located in the Town of Meredith. Her proposed septic system will serve a three bedroom house. Major components of this system include a 1,000 gallon septic tank, a dosing chamber, 270 linear feet of gravity piping, one distribution box, 175 cubic yards of absorption fill material, one effluent filter, 400 linear feet of absorption trench, 240 linear feet of curtain drain and 4,370 square feet of site restoration. Ms. Thayer's contractor has submitted a quote for \$27,000.00 to build this system. This is within 10% of the staff estimated cost of construction based on the Schedule of Values. The engineer for this project is Paul Gossen, the contractor is Starter Construction. The Septic Committee recommended that a resolution be brought before the Board of Directors to reimburse Beverly Thayer in the amount not to exceed \$27,000.00 to build her septic system.
- E. **Daniel Sofaer Additional Costs:** Mr. Sofaer's project is located in the Town of Woodstock. His project was previously approved for \$33,563.00. During construction it was discovered that the house sewer pipe was deeper than thought. The septic tank and pump chamber had to be installed deeper than anticipated. Extra excavation and risers were required. There was discussion about how the engineer should have known the location of the house sewer pipe. The engineer for this project is Joe Boek, the contractor is Chad Davis. The contractor has requested an additional \$880.00 for this additional work. This cost appears to be reasonable and justified. With this addition, the total project cost will be \$34,443.00. The Septic Committee recommended that a resolution be brought before the Board to reimburse Daniel Sofaer in the amount not to exceed \$880.00 for additional costs to build his septic system.
- F. **Jasmin Bouton Over \$25,000.00:** Ms. Bouton's project is located in the Town of Prattsville. Her proposed septic system will serve a three bedroom house. Major components of this system will include a 1,000 gallon septic tank, 15 linear feet of gravity piping, 32 linear feet of force main, 82 cubic yards of absorption fill material, 73 cubic yards of random fill material, one effluent filter, three peat modules, a temporary access road, retaining wall and site restoration. Ms. Bouton's contractor has submitted a quote for \$26,767.00 to build this system. This is within 10% of the staff estimated cost of construction based on the Schedule of Values. The Septic Committee recommended that a resolution be brought before the Board to reimburse Jasmin Bouton in the amount not to exceed \$26,767.00 to build her septic system.
- G. **Tracey Knapp Over \$25,000.00:** Ms. Knapp's project is located in the Town of Delhi. Her proposed septic system will serve a six bedroom house. Major components of this system will include a 1,750 gallon septic tank, 20 linear feet of gravity piping, 90 linear feet of force main, 40 cubic yards of random fill material, 25 cubic yards of C-33 sand, one effluent filter, five peat modules, one E-one pump station package, a temporary access road, abandoned second cesspool and extensive site restoration. Seward Sand and Gravel in Oneonta is the closest supplier for C-33 sand. The engineer for this project is Sander Engineering, the contractor is

Delaware Bulldozing. Four quotes were received for this project. They are for \$52,300.00, \$49,195.00, \$39,250.00 and \$36,640.00. The Committee recommended that a resolution be brought before the Board to reimburse Tracey Knapp in the amount not to exceed \$36,640.00 to build her septic system.

- H. **Steven Cohen Over \$25,000.00:** Mr. Cohen's project is located in the Town of Hunter. His proposed septic system will serve a four bedroom house. Major components of this system will include 10 linear feet of gravity piping, 125 linear feet of force main, 300 cubic yards of absorption fill material, four peat modules, 70 linear feet of curtain drain, 45 linear feet of outlet for the curtain drain, 105 linear feet of silt fence and extensive site restoration. The engineer for this project is David Rider, the contractor is Dirtworks. Mr. Cohen's contractor has submitted a quote for \$29,900.00 to build this system. This is below the staff estimated cost of construction based on the Schedule of Values. The Committee recommended that a resolution be brought before the Board to reimburse Steven Cohen in the amount not to exceed \$29,900.00 to build his septic system.
- I. **Patricia Gerresheim Over \$25,000.00:** Ms. Geresheim's project is located in the Town of Olive. Her proposed septic system will serve a three bedroom house. Major components of this system will include a syphon chamber, 70 linear feet of gravity piping, one distribution box, 475 cubic yards of absorption fill material, one effluent filter, 250 linear feet of absorption trench, 120 linear feet of swale, removal of several trees, a temporary access road and extensive site restoration. There is a good septic tank at this site. Three quotes were received for this project. They are for \$37,500.00, \$35,200.00 and \$34,534.00. The lowest quote is within 10% of the staff estimated cost of construction based on the Schedule of Values. The engineer for this project is Rex Sanford, the contractor is Andrew Eberhardt. The committee recommended that a resolution be brought before the Board to reimburse Patricia Gerresheim in the amount not to exceed \$34,534.00 to build her septic system.
- J. **Septic Cluster:** Leo had no update this month.
- K. **Septic Maintenance:** Larry reviewed activity in this program with the Committee. 33 homeowners were reimbursed for pump outs last month. 108 have been reimbursed this year. It was a good month. The total number for the year is ahead of last year.
- L. **Septic Update:** Leo reviewed activity in the Septic Program last month. 13 systems were paid for last month bringing the total for the year to 41. The total is low. Last year by this time 120 systems had been paid for. This is due to the weather.
- M. **Other:** Schuyler Minew owns a rental property in the proposed Shandaken Sewer District under the CWC Community Wastewater Management Program (CWMP). The septic system has failed. We are paying for regular pump outs. Mr. Minew is eligible for 60%. He would like to fix his septic system and apply for Reimbursement. Another property owned by Art Christie has a failure. CWC is also reimbursing for pump outs at this site about every two weeks, a greater frequency than the Minew property.

Leo reported that 41 out of the 60 properties in the proposed district have been identified as appropriate for an on-site septic system. The other 19 will require an off-site absorption field. Mr. Minew's property is identified as a site for an on-site system. Mr. Christie's property is proposed to be connected to an off-site absorption field. Two potential sites for properties requiring an off-site absorption field are being developed as house sites. On June 15th, CWC staff provided to the Town copies of the study phase report and a draft resolution to move into the next phase. Pursuant to the CWMP contract, the Town has 90 days from June 15th to pass a resolution to move forward with the community wastewater project. A public meeting was held on July 27th but no property owners from the district attended. The Town indicated that they'd consider the resolution to move forward at their September Town Board meeting, scheduled for September 11th.

There was discussion about Phoenicia. In Phoenicia, residents can apply for Reimbursement at the end of the year for septic system repairs that they have paid for. Multi-family housing and businesses however are not eligible for reimbursement under the current program.

Further action on Mr. Minew's request was tabled until after the September Shandaken Town Board meeting.

Dave Warne informed the Committee that the sludge press at the Tannersville wastewater plant needs repairs. During the weeks of August 7 and 14th, the plant will not be accepting septage from haulers. They will begin accepting septage again on the week of August 21st when repairs will be complete. The Tannersville plant accepts septage on Monday, Wednesday and Thursday. The limit accepted at the plant is 4,500 gallons per day. The Grand Gorge also accepts septage. Septic haulers make appointments with each wastewater treatment plant to dump septage at the plant.

A question was raised about pump and haul regulations, and if pump and haul would be allowed year round. Dave recalled it being discussed during negotiations and will get back to the Committee.

IV. The next Septic Committee meeting was scheduled for September 5, 2017.

V. The meeting was adjourned at 10:37 AM.