

Catskill Watershed Corporation
PO Box 569, 905 Main Street
Margaretville, NY 12455



Tel.: (845) 586-1400
Fax: (845) 586-1401
Website: www.cwconline.org

EMAIL COVER SHEET

August 25, 2017

TO: WASTEWATER COMMITTEE

ATTN: James Eisel James Sofranko
Thomas Hynes Michael Triolo
Wayne Marshfield Michael Meyer
Mark McCarthy Thomas Snow
Robert Pelham

CC: CWC Staff, John Schwartz, Tom Stalter, and David Warne

FROM: Frieda Suess, Secretary

SUBJECT: Wastewater Committee Meeting

DATE: Tuesday, September 5, 2017

TIME: 9:00 AM

LOCATION: Catskill Watershed Corporation Building

Additional Instructions:

Please be advised that the Wastewater 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 John Mathiesen.

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CATSKILL WATERSHED CORPORATION
Wastewater / Stormwater Committee Agenda
Tuesday September 5, @ 9:00AM

- I. Call to Order
- II. Review minutes from August 1, 2017 meeting
- III. Wastewater / Stormwater

1. Community Wastewater Management Program

General Project Updates:

- Lexington
- South Kortright
- Trout Creek
- Shandaken
- West Conesville
- Claryville
- Halcottsville
- New Kingston

2. Future Stormwater Program

3115 Route 28, LLC – Additional Funds

The contractor supplied a bid more than a year ago and the project didn't take place until this year. The contractor had received an estimate from the pre-caster for the tank to be installed and he based his number off of the estimate. The contractor received the bill from the pre-caster for the tanks and it was more than the original estimate. Also during construction there was a heavy downpour while the trenches were open for the installation of the pipe and DEP was doing an inspection the following day and the contractor discussed with DEP adding additional stone around the pipes to protect them before back filling. This is a small business therefore funding is 50% CWC 50% DEP.

Requested Additional Funding: \$2,023.64
Recommended Additional Funding: \$1,011.82

3. Stormwater Retrofit Program

Town of Walton – Planning & Assessment Grant Application

The Town of Walton has applied to do a Planning & Assessment to assess the Town's culverts, ditches and catch basins. Stormwater runoff in many areas are causing clogged conveyances and catch basins and sending sediment laden runoff directly to the West Branch of the Delaware River. The project would identify potential improvement to the Town's drainage system.

Requested Funding: \$50,000.00
Recommended Funding: \$50,000.00

Windham Theatre – Additional Funds

Windham Theatre was approved for design funding in December of 2016. A design has been completed and they are currently out to bid for construction. The engineer has provided an estimate for the construction.

Requested Additional Funding: \$213,518.40
Recommended Additional Funding: \$213,518.40

4. Local Flood Hazard Mitigation

There is 1 application for Committee review to forward to the CWC Board of Directors that are for Flood Hazard Mitigation Projects that have been identified within that communities LFA or Flood Hazard Mitigation Plans.

a.) Town of Lexington is requesting funding for the relocation of utilities from the basement of the Town Office/Firehouse Building in the amount of \$54,500.00. During Tropical Storm Irene this area was under 5+ feet of water and all utilities for the building were useless. The intent is to move a new hot water boiler, oil tanks, fresh water jet pump and electric panels out of the basement into a new storage building that is being built behind the Town Office building out of the floodplain. The Town plans to construct a separate room in the new building for these utilities and this would be the Town of Lexington's 25% cost share. Elevating of utilities is identified in Section 4.5 of the Local Flood Analysis.

There has been 2 applications for tank anchoring that has been approved and they have been given the go ahead for construction. Charlene Bodie in Arkville is anchoring 2-oil tanks in her basement at a cost of \$4,950.00 and the other is for MTC to anchor 2-oil tanks and 1-100 gallon propane (420lb) outside of the building at a cost of \$3,425.00.

Main Care and Mountain Propane are showing interest in the tank anchoring program but do not have the manpower to do the excavating, concrete and anchoring portion of the job. They have both said that doing the disconnect, reconnect and testing would be done by them. Both companies have several tanks/clients within the watershed that I have identified so far.

The Town of Windham has passed a resolution supporting the buyout of Niapolis Pizza on Main Street, Rt. 23 in the hamlet of Windham. This structure sits on the edge of the Mad Brook at the bridge. The bridge backed up with debris and flood water during Irene and caused substantial damage to the property. This resolution has been forwarded onto Phil at the DEP to enter into the NYCFBO program. I have met with the owners on a few occasions as the Outreach Lead and they have informed me that they are willing sellers.

5. Other

IV. Next meeting scheduled for Tuesday, October 3, 2017 9:00AM

V. Adjournment

Minutes
CATSKILL WATERSHED CORPORATION
Wastewater/Stormwater Committee
Tuesday, August 1, 2017, 9:00 AM

Attendees: Thomas Hynes (Director), Michael Triolo (Director), Alan Rosa (CWC), Wayne Marshfield (Director), Mark McCarthy (Director), James Sofranko (Director), Michael Meyer (DEP) James Eisel (Director), Robert Pelham (Director) and Thomas Snow (DEC).

Others: John Mathiesen (CWC), Kimberlie Ackerley (CWC), Timothy Cox (CWC), Barbara Puglisi (CWC), Justine Rutherford (CWC), Jason Merwin (CWC), Jim Martin (CWC), Samantha Costa (CWC), Sonia Martinez (CWC), Lynn Ann Kavanagh (CWC), John Schwartz (DEP), Phil Eskeli (DEP), Tom Stalter (DEP), David Warne (DEP), Matt Gianetta (DEP), Bruce Dolph, Molly Oliver, Tina Mole (Director), Richard Parete (Director), Aaron Bennett, and Won Kyung Chang.

The meeting was called to order by Thomas Hynes at 9:00 AM

- I. Review minutes from July 5, 2017 meeting.
Minutes unanimously approved upon motion.
- II. Wastewater / Stormwater

1. Community Wastewater Management Program

General Project Updates:

Lexington - Lamont Engineers has received Functional Completion as of 7/7/2016. Project is 100% complete but not closed out. The Maintenance Bond took affect 12/15/2016 and is good until 12/15/17. Fence behind Control Building to be replaced by the end of July.

South Kortright - Main Project-Contract 1-Functional Completion acceptance was issued by DEP on 6/8/2016. Contract 1 work is 100% complete. Final pay application was received 1/20/2017. Contract #2 & #3- This portion of the project is 100% complete. Functional Completion Acceptance for Contracts 2 & 3 was issued by the NYCDEP on 4/4/2017. Contract closeout is complete for all 3 contracts.

Trout Creek- The new appraisal was received on 6/8/2017. The new appraisal came back at \$120,000.00 not having any of the possible hazardous materials that may be within the building being considered. John met with Envirollogic of NY on 6/15/2017 to have these areas evaluated. The testing of these areas were going to be done on 7/14/2017. Copy of the appraisal and the initial Environmental inspection report was forwarded onto Town of Tompkins supervisor William Layton. The final inspection report was received on 7/31/2017 and I have not reviewed the report yet. Ben Reynolds Construction has completed all work on the settlement issues.

CWMP111

All 5 Draft Preliminary Engineers Reports have been received and reviewed by CWC staff and forwarded onto the NYCDEP. Engineering amendment request for Shandaken, Claryville, New Kingston and West Conesville have been sent back to the DEP.

Shandaken – Draft Study Phase report has been completed and submitted to NYC-DEP and CWC on 12/31/15. There was a meeting with the NYC-DEP, Lamont Engineers and CWC staff on 3/10/16 to discuss the draft engineers report. On 5/31/2017 a Block Grant in the amount of \$6,770,000.00 was approved by the NYCDEP. This will fund a combination system of an SMD with onsite and remote systems including

construction costs, land acquisitions and an O&M endowment. There are 60 systems being proposed for this project. 41 of the systems will be in the SMD and the remaining 19 will be hooked into the remote systems. The letter to the Town of Shandaken and the reports were delivered on 6/16/2017. A presentation of the project to the Town of Shandaken by Lamont Engineers and CWC was completed on 7/25/2017.

West Conesville – Draft Study Phase report has been completed and submitted to NYC-DEP and CWC on 12/29/15. There was a meeting with the NYC-DEP, Lamont Engineers and CWC staff on 3/10/16 to discuss the draft engineers report. CWC cannot present the project to the Town until NYC-DEP approves the project and the block grant amount. Lamont has put together 3 possible alternatives with preliminary cost estimates. These were sent to the DEP the week of September 2, 2016.

A 4th option is now being evaluated on a piece of property about a mile away from the hamlet of West Conesville. This option may also include the hookup of another 16 structures along the route to treatment area. There was a meeting with Deputy Commissioner Paul Rush of the DEP, Lamont Engineers and CWC staff on September 27, 2016. The above mentioned possibilities were discussed as well as using the city owned property in West Conesville to put in a Community Wastewater System.

The Amendment to the Draft Preliminary Engineers Report was received at CWC on 11/04/2016 for review and then forwarded onto the NYCDEP for their review. 2/23/2017. There was a meeting with Lamont Engineers, CWC staff and NYCDEP staff to discuss comments from NYCDEP back to Lamont Engineers. The NYCDEP stated that they would discuss this information within and have a response back within a couple of weeks. A follow up meeting was held on 3/29/2017. There are 40+ structures anticipated to be hooked up to the system.

Amendment #2 was sent to the NYCDEP on 6/23/2017. Block Grant approval by the NYCDEP was received on 7/25/2017 in the amount of \$8,411,000.00 and a meeting will be scheduled in the near future to present the project to the Town of Conesville.

Claryville- Lamont submitted the Draft Preliminary Engineers Report to CWC for review on 10/28/2016. Review of the document has been done by CWC and then forwarded onto the NYCDEP for their review. There are 130 hookups anticipated for a SMD type of system. On 4/28/2017 the NYCDEP approved the Block Grant for the Town of Neversink and the Town of Denning. Block Grant for Neversink is \$4,895,000 and the Block Grant for Town of Denning is \$3,760,000 for a total of \$8,655,000.00. The O&M costs per year is projected to be \$48,933.00. There will be presentations of the project by CWC and Lamont Engineers to each community. Dennings meeting was held on July 5, 2017 with the Town Board of Denning passing the resolution to move forward with the preconstruction phase on 7/11/2017. The presentation of the project was given to the Town of Neversink on July 12, 2017.

New Kingston – The Draft Preliminary Engineers Report for New Kingston was delivered to CWC on November 29, 2016. CWC review was completed on 12/05/2016 and then forwarded onto NYCDEP for their review and comments. There are 28 hookups anticipated to be done in the hamlet of New Kingston. Further evaluation of other sites is being done. Amendment #1 was sent to the NYCDEP on 6/22/2017.

Halcottsville-The Draft Preliminary Engineers Report was completed by June 2017. Lamont is looking into the possibility of testing 2 other sites for the proposed system as well as the possibility of pumping to the Margaretville Wastewater Treatment Plant. The Draft Preliminary Engineers Report was received on 6/28/2017 and forwarded onto the NYCDEP on 6/30/2017.

2. Future Stormwater Program

H.D. Lane Volunteer Fire Company – Additional Funds

H.D. Lane Volunteer Fire Company has requested additional funding for gutters installed during the implementation of the NYC DEP only required SWPPP. The contractor that bid on the project did not include the gutters in his bid not realizing it was part of the project.

Requested Additional Funding: \$799.70

Recommended Additional Funding: **\$799.70**

A motion to recommend approval of the request for additional funding for H.D. Lane Volunteer Fire Company Future Stormwater Project was made by James Eisel and seconded by Wayne Marshfield.

The Wastewater Committee recommended that a resolution be sent to the Board for additional funding in an amount not to exceed \$799.70 for H.D. Lane Volunteer Fire Company Future Stormwater Project.

3. Stormwater Retrofit Program

4. Local Flood Hazard Mitigation

There has been meetings in Andes, Tannersville, Hamden, Margaretville, Delhi and Conesville for their Flood Commission committees.

There is 1 application for the Committee to review and to forward to the Board of Directors that are for the Flood Hazard Mitigation Projects that have been identified within that communities LFA or Flood Hazard Mitigation Plans.

a.) The Town of Windham is requesting funding for Engineering services for design costs in the sum of \$23,000.00 to rebuild and stabilize the stream bank of the Mitchell Hollow Creek (Mad Brook) @ 5331 State Highway 23 in the hamlet of Windham. This work is identified in section 2.1 of the Local flood Analysis dated August 2015. The stabilization of the streambank is critical in maintaining a residence and a local business. This project is also identified in the August 2009 Greene County Hazard Mitigation Plan. Motion was made to move the application to the CWC Board of Directors at the September 5, 2017 meeting.

b.) Town of Lexington application to elevate the utilities from the basement is still on hold.

c.) Mt. Pleasant bridge removal now has a license agreement between CWC and Ulster County. The bridge will not be removed until 2018. A motion to accept the License agreement was made by James Eisel and seconded by James Sofranko.

d.) A motion to develop an RFP for a contractor to work through CWC to anchor the tanks was made by Mark McCarthy and seconded by Thomas Snow.

5. Other

III. Next meeting scheduled for Tuesday September 5, 2017, 9:00AM

IV. Meeting was adjourned at 9:49 AM

Engineer's Estimate

BID ITEM		SIZE	QUANTITY	UNITS	UNIT PRICE	ITEM PRICE
1	Mobilization and General Construction	-	1	LS	\$4,500.00	\$4,500.00
2	Maintenance & Protection of Traffic	-	1	LS	\$2,500.00	\$2,500.00
3	General Sediment and Erosion Control	-	1	LS	\$5,000.00	\$5,000.00
4	Clearing and Grubbing	-	1	LS	\$5,000.00	\$5,000.00
5A	West Bioretention Area Cell #1	-	830	SF	\$28.00	\$23,240.00
5B	West Bioretention Area Cell #2	-	1,030	SF	\$28.00	\$28,840.00
5C	East Bioretention Area	-	470	SF	\$28.00	\$13,160.00
6	East Bioretention Area outlet swale grading	-	1	LS	\$750.00	\$750.00
7	Nyloplast 30" Dia drainage structure with dome grate	30"	1	LS	\$3,000.00	\$3,000.00
8A	Trees (Serviceberry and Cedar)	-	13	EA	\$120.00	\$1,560.00
8B	Shrubs	-	41	EA	\$65.00	\$2,665.00
8C	Perennial Plants	-	750	EA	\$10.00	\$7,500.00
9	Pea Stone Diaphragm	-	215	LF	\$10.00	\$2,150.00
10A	Light Stone Fill	-	5	CY	\$80.00	\$400.00
10B	Crusher Run Type RC-1 Subbase	-	675	CY	\$50.00	\$33,750.00
11A	Asphalt Binder Course, Type 3	-	240	TON	\$150.00	\$36,000.00
11B	Asphalt Top Course, Type 6	-	180	TON	\$150.00	\$27,000.00
12	Grading existing parking areas in preperation for subbase installation	-	2,012	SY	\$3.50	\$7,042.00
13A	Concrete Wheel Stops - Remove and reinstall existing	6'	7	EA	\$45.00	\$315.00
13B	Concrete Wheel Stops - New	6'	7	EA	\$125.00	\$875.00
14	Relocate Miniature Golf Hole	-	1	LS	\$1,000.00	\$1,000.00
15	Site Restoration	-	1	LS	\$4,000.00	\$4,000.00

NOT INCLUDED IN ESTIMATE

Total	\$183,247.00
Contingency (20%)	\$36,649.40
Total Estimate	\$219,896.40