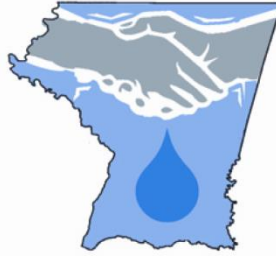


Carroll County Water Resource Coordination Council

Hampstead * Manchester * Mt. Airy * New Windsor
Carroll County Health Department



* Sykesville * Taneytown * Union Bridge * Westminster
Carroll County Government

WRCC Meeting Summary January 24, 2018

Attendees:

Steve Miller	Perry Jones	Brenda Dinne	Bonnie Bevard
Mike Reynolds	Kevin Hann	Kelly Martin	Michael Hill
Frank Schaeffer	Toby David	Monika Weirbach	Gary Dye
Dick Swanson	Tom Devilbiss	Joanna Reznik	Lynn Karr
Jim Wieprecht	Byron Madigan	Glenn Edwards	Derek Shreves
Zachary Neal	Mark Onheiser		

Opening Statement

The meeting was called to order by Frank Schaeffer at approximately 2:30 p.m. Mr. Schaeffer announced that he will be retiring at the end of May as the Town Manager of New Windsor and will no longer serve as Chair of the WRCC. Discussion related to a new Chair and Vice-Chair will take place at the February meeting.

The December 20, 2017 meeting summary was approved as written on motion of Perry Jones, seconded by Steve Miller and carried.

Tom Devilbiss introduced the new Department of Land & Resource Management Hydrogeologist, Zach Neal.

Road Salts in the Baltimore Reservoir System

Carol Wong, Water Resources Engineer for the Center for Watershed Protection made a presentation to the Council members on road salts in the Baltimore reservoir system. She detailed how sodium chloride has been used as a deicer and the environmental impact created by its increased use over the years.

Update on Municipal Projects – Tom Devilbiss

Tom Devilbiss, Director, Department of Land and Resource Management, provided an update on the municipal restoration projects. A copy of that report is attached to this meeting summary.

Watershed Implementation Plan (WIP) 2-Year Milestones: 2016-17 Final Progress and 2018-2019 Milestones – Brenda Dinne

Brenda Dinne reviewed the Carroll County WIP 2016-2017 final milestones phase two plan for Maryland to track the progress toward reducing nitrogen, phosphorus and sediment. Brenda also reviewed the Carroll County WIP 2018-2019 milestones report to be submitted. Steve Miller moved to approve the final 2016-2017 milestones report and the 2018-2019 milestones report. The motion was seconded by Perry Jones and carried.

12 SW/SR Permittee Workshop – Brenda Dinne

Brenda spoke about the 12 SW/SR permittee workshop that will be held on February 16, 2018 at Carroll Community College from 1:00 pm to 3:00 pm. This event is being sponsored by the WRCC and the EAC. Glenn Edwards invited the municipalities to send one person to the workshop. He added that MDE representatives will be attending.

2018 Legislation Update – Brenda Dinne

Brenda handed out a legislative update report which detailed the status of proposed environmental legislation for the 2018 Maryland General Assembly. The bills reviewed were HB266 – Condominiums - Lien Priority - Unpaid Water and Sewer Charges, and SB337 – Public Utilities – Water or Sewage Disposal Systems – Rates.

Other

Zach Neal, Hydrogeologist of the Department of Land & Resource Management shared a PowerPoint presentation on well level monitoring. He described the trends and comparisons to past years levels.

Brenda Dinne explained that the EAC is asking for nominations for the yearly Environmental Awareness Awards.

Adjournment

The meeting adjourned at approximately 3:40 p.m. The next regular meeting is scheduled for February 28, 2018 at 2:30 p.m. in Room 105 of the County Office Building.

**TOWN
PROJECT STATUS
January 23, 2018**

FUTURE PROJECTS:

Union Bridge Project (DNR Grant Funds \$250,000.00) – BRM is looking at the opportunity to retrofit the Elmer Wolfe Elementary School facility. This would treat 4.6 acres of impervious area. The BOE is on board with the project and the engineering proposals are due into the office by February 2nd. BRM was able to speak to the representative from Citizens Energy relating to the Buckey project (36 acres of DA and 11 acres of IA) and will be meeting with them in mid-February to discuss the project.

Prospect Road (Mt. Airy Frederick and Carroll) – The engineering proposals for a watershed study have been received and Century Engineering was the low bid at \$38,902.00. A meeting will be scheduled to discuss the project with the engineer prior to execution of the contract. BRM will be submitting the application for the Bay Restoration Fund through MDE for construction in FY 2020 and are currently working with the Town on an MOU relating to the project. The estimated impervious acreage total is 144; 109 in the Frederick County side of Mt. Airy and 35 in the Carroll County side of Mt. Airy.

DESIGN STAGE:

RFP:

CONCEPTUAL:

Shiloh Middle School – R. K. & K. has submitted revised plans for review. BRM met with the BOE to discuss the project and decided to eliminate the new storm drain system due to cost and engineer a waterway that will handle the flows to the facility. BRM submitted a “Letter of Intent” for the DNR Trust Fund requesting approval to submit a full proposal for this project.

Twin Ridge (Mt. Airy – Frederick County Side) – Revised plans have been submitted for BRM review. Staff will be meeting with MDE to discuss the design and a suggested alternative design as well in the next several weeks.

Whispering Valley (Manchester) (DNR Grant Funds \$375,000.00) – Plans are in BRM for review. BRM needs to meet with several property owners to discuss the off-site storm drain system and how construction will impact their properties.

PRELIMINARY:

Robert's Mill (DNR Grant Funds \$1,000,000 and CBT Grant \$75,000) –

BRM is scheduled to meet with adjoining property owners at the end of month to discuss the minimal grading that is proposed on their properties in conjunction with this project. The plans as submitted are ready for preliminary plan approval upon approval of the proposed grading as shown on the drawings.

FINAL:

Langdon Property (City of Westminster) (DNR Grant Funds \$900,000.00 and

SHA-TAP Funds \$980,000.00) – BRM is currently working with Maryland Midland relating to hauling the materials from the site to disposal areas (i.e. costs, contract, etc.) The two (2) disposal sites will be the New Windsor WWTP Lagoon and the Gullo property. The next submission to SHA will be the P. S. & E package requesting approval to go out to bid which will occur after BRM staff meets with the engineer and structural engineering.

Merridale Gardens/Senior Center (Mt. Airy) (DNR Grant Funds \$425,000.00) –

Revised plans are due to be submitted this week. BRM staff is working with the downstream property owners on acquiring approval to discharge water onto their property which is required for SWM approval. A meeting was held in early January with the neighboring property owners to discuss the project. An issue relating to the installation of landscaping for screening was mentioned and will be looked into at the end of construction.

Shannon Run/Hawk Ridge Estates (Town of Sykesville) (DNR Grant

Funds \$600,000.00) – Shannon – BRM should receive a scope amendment from CLSI on the design regarding geo-tech work relating to the barrel pipe by the end of the week. Revised plans are due by mid-February and we anticipate construction starting in late summer.

Willow Ponds – R. K. & K. has addressed all the preliminary plan comments and the plans were given preliminary plan approval by BRM January 16th. We did not receive TAP funding from SHA for 2017. This facility is currently being monitored by BRM staff relating to temperatures and we are seeking grant funding from CBT for the Restoration Research relating to a temperature study working with CWP on this study.

CONSTRUCTION STAGE:

READY FOR CONSTRUCTION:

Hawk Ridge (Town of Sykesville) – Construction bids were received for this project January 16th and Stambaugh's Inc. was the low bidder with a bid of \$190,973.00. The excess material will be disposed of at the Dulaney Property. A landscape plan is currently out for bid and is due into the office February 12th.

Manchester Skate Park (Town of Manchester) (SHA-TAP Funds \$756,023.00) – Awaiting a response from MDE and DNR on the next steps after our meeting held January 3rd. According to MDE, the Attorney General’s Office is weighing in on this matter and they are awaiting their response. We are working on the final “draft of the MOU relating to the TAP funding.

UNDER CONSTRUCTION:

Blue Ridge Manor (New Windsor) (DNR Grant Funds \$250,000.00) – T. B. & H is actively working on the retrofit of this facility. The slopes are currently being excavated; upon completion, the filter media will be added to the bottom of the facility. BRM staff anticipates that this facility could be completed by the end of March, weather permitting.

COMPLETED WAITING FOR STABILIZATION:

Small Crossings/Savannah Estates (Hampstead) (DNR Grant Funds \$300,000.00) – Construction has been completed and the landscaping has been installed. BRM staff will be acquiring signatures on the plat February 6th and the as-built has been submitted for approval.

TREE PLANTING PROJECTS:

PLANTING PHASE:

City of Westminster – Trees were planted on 7.68 acres owned by the City of Westminster in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$13,866.30. Upon completion of the contractor’s obligation, the City will be responsible for maintenance of the planting.

Town of New Windsor – Trees were planted on 2.2 acres owned by the Town of New Windsor in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$7,618.70. Upon completion of the contractor’s obligation, the Town will be responsible for maintenance of the planting.

PROPOSED TOWN PROJECTS

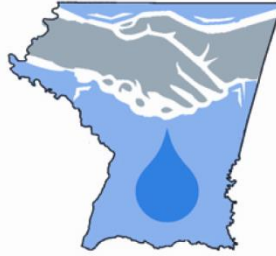
PROJECT NAME	CITY/TOWN	ENGINEERING STATUS	CONSTRUCTION STATUS	EMCUMBERED TO DATE
Twin Ridge	Mt. Airy	Conceptual		\$82,349.00
Prospect Road	Mt. Airy	Meeting w/Century		\$38,902.00
Merridale Gardens	Mt. Airy	Final		\$124,950.00
Shiloh Middle School	Hampstead	Conceptual		\$23,293.00
Small Crossing	Hampstead	Completed	Completed	\$431,519.94
Manchester Skate Park	Manchester	Completed	Not Started	\$82,116.00
Whispering Valley Phase 4	Manchester	Conceptual		\$56,160.00
Blue Ridge Manor	New Windsor	Completed	Under Construction	\$483,245.00
New Windsor Railroad Wetland	New Windsor	Preliminary Conceptual (BRM)		
Shannon Run	Sykesville	Final		\$519,052.00
Hawk Ridge Section 1	Sykesville	Completed	Pre-construction	\$190,973.00
Robert's Mill	Taneytown	Conceptual		\$140,750.00
Elmer Wolfe	Union Bridge	R.F.P.		
Buckey Property	Union Bridge	NOT STARTED		\$500.00
Langdon	Westminster	Final		\$402,190.45
Willow Pond	Westminster	Final		\$190,493.00
Greens of Westminster	Westminster	NOT STARTED		

Total does not include Twin Ridge

Total \$2,684,144.39

Carroll County Water Resource Coordination Council

Hampstead * Manchester * Mt. Airy * New Windsor
Carroll County Health Department



* Sykesville * Taneytown * Union Bridge * Westminster
Carroll County Government

WRCC Meeting Summary February 28, 2018

Attendees:

Steve Miller	Kevin Hann	Brenda Dinne	Richard Brace
Frank Schaeffer	John Dick	Kelly Martin	Derek Shreves
Dick Swanson	Tom Devilbiss	Janet O'Meara	Mark Onheiser
Jim Wieprecht	Aretha Adams	Joanna Reznik	Gale Engles
Zachary Neal	Glenn Edwards	Bonnie Bevard	

Opening Statement

The meeting was called to order by Frank Schaeffer at approximately 2:30 p.m.

Mr. Schaeffer introduced Aretha Adams, the new Town Manager of Sykesville.

The January 24, 2018 meeting summary was approved as written on motion of Jim Wieprecht, seconded by Tom Devilbiss and carried.

Steve Miller, Vice-Chair, made a presentation to Frank Schaeffer to thank him on behalf of the WRCC members for five plus years of dedicated service as Chair. Tom Devilbiss highlighted the accomplishments of the Council during the years that Frank served.

Election of New Chair and Vice-Chair

Kevin Hann nominated Steve Miller as the new Chair of the WRCC. The nomination was seconded by Dick Swanson and carried. Mr. Miller agreed to serve as the new Chair.

Dick Swanson nominated Jim Wieprecht as the new Vice-Chair of the WRCC. The nomination was seconded by Frank Schaeffer and carried. Mr. Wieprecht agreed to serve as the new Vice-Chair.

Tom Devilbiss reviewed Resolution No. 697-07 which formed the WRCC in 2007.

To serve as the lead intergovernmental agency for water resource planning, development and protection.

Update on Municipal Projects – Gale Engles

Gale Engles, Bureau of Resource Management, provided an update on the municipal restoration projects. A copy of that report is attached to this meeting summary. Steve Miller thanked the County staff for the grant funds that have been received.

12 SW Permittee Workshop Follow-Up – Glenn Edwards

Glenn Edwards provided a follow-up to the 12 SW Permittee Workshop held at Carroll Community College on February 16, 2018. The NPDES permit requires the County to provide public outreach and education. The County alternates years between businesses and the private sector venues. This workshop was held for businesses that hold a 12 SW permit as part of the NPDES General Permit for Discharges of Stormwater associated with Industrial Activity. Representatives of MDE and the municipalities were also present. The workshop assisted the businesses in understanding their permits and being in compliance. It also provided the opportunity to ask questions of County staff and MDE.

MDE Review Letter of Carroll County's IDDE Program – Glenn Edwards

Glenn Edwards informed the WRCC members of a letter from MDE addressing their completion of a review of the County's IDDE program required in the NPDES MS4 permit. MDE performed an on-site evaluation with County staff on November 29, 2017 that included an in-office presentation as well as a field review. Glenn reviewed MDE's summary of findings and recommendations on the following: Storm Drain System Mapping, Outfall Screening, Visual Surveys of Commercial and Industrial Areas, Program Implementation and Enforcement, Education and Outreach, and Partnerships with Municipalities. MDE's final statement commended the "County for its commitment to implement a successful program".

Hampstead Wastewater Treatment Plan (HWWTP) Discharge – The Rest of the Story – Tom Devilbiss

Tom Devilbiss did a presentation on the Hampstead Waste Water Treatment Plant Discharge Permit into Piney Run. Using before and after photographs, he highlighted the Piney Run stream restoration that has taken place. He included a history of the permitting process and its current status. In addition, he reviewed the plans for improvements to the Plant, stream buffering, and storm water management.

Other

Dick Swanson voiced an interest in following up on what has been learned about excessive salt contamination in groundwater. Steve Miller suggested reaching out to representatives from SHA or MDOT. Tom Devilbiss added an interest in the effects of water softeners to groundwater.

Steve Miller informed everyone that he is a liaison to the Utilities Advisory Council. The Council meets four times a year. He stated that if anyone is interested in serving, to contact him.

Adjournment

The meeting adjourned at 4:00 p.m. The next regular meeting is scheduled for March 28, 2018 at 2:30 p.m. in Room 105 of the County Office Building.

**TOWN
PROJECT STATUS
February 27, 2018**

FUTURE PROJECTS:

Union Bridge Project (DNR Grant Funds \$250,000.00) – BRM has been speaking to a representative from Citizens Energy relating to the Buckey project (36 acres of DA and 11 acres of IA). CE is attempting to schedule a meeting with the Town and County to discuss moving forward with a solar field project.

DESIGN STAGE:

RFP:

CONCEPTUAL:

Elmer Wolfe Elementary (Union Bridge) – The engineering contract was awarded to BAI for \$29,970.00. A kickoff meeting will be scheduled in the near future to discuss how BRM would like them to proceed with the project. This project would treat approximately 4.6 acres of impervious area and the Board of Education is on board with moving forward.

Prospect Road (Mt. Airy Frederick and Carroll) – After the kickoff meeting with Century Engineering they are moving forward with performing the watershed study to determine the most cost effective way to move forward with a project in this watershed. The estimated impervious acreage total is 144; 109 in the Frederick County side of Mt. Airy and 35 in the Carroll County side of Mt. Airy.

Twin Ridge (Mt. Airy – Frederick County Side) – BRM staff met with MDE to discuss the proposed designs and will be meeting with Mt. Airy in the near future to discuss how to move forward with the project.

Whispering Valley (Manchester) (DNR Grant Funds \$375,000.00) – Meetings with property owners affected by the project are in progress. Once determination has been made on the storm drain work, CLSI will continue with design.

PRELIMINARY:

Robert's Mill (DNR Grant Funds \$1,000,000 and CBT Grant \$75,000) – BRM is working with neighboring property owners on the design of the wing walls associated with the project. The plans as submitted are ready for preliminary plan approval upon approval of the proposed grading as shown on the drawings.

Shiloh Middle School (Hampstead) – BRM issued SWM conceptual approval and R.K.& K. will be moving forward with the remaining engineering for the project at a fee of \$40,624.00. BRM will be making application for the State and Federal Permits and the application was made for a DNR grant for construction.

FINAL:

Langdon Property (City of Westminster) (DNR Grant Funds \$900,000.00 and SHA-TAP Funds \$980,000.00) – BRM staff met with Maryland Midland to discuss the disposal operation and is anticipating a proposal in the next several weeks. The next submission to SHA will be the P. S. & E package requesting approval to go out to bid which will occur after BRM staff meets with the engineer and structural engineering.

Merridale Gardens/Senior Center (Mt. Airy) (DNR Grant Funds \$425,000.00) – BRM staff is currently working through two (2) issues relating to this project; structural design and downstream property owner agreement. Once these issues have been resolved, the project will be put out to bid.

Shannon Run/Hawk Ridge Estates (Town of Sykesville) (DNR Grant Funds \$600,000.00) – Shannon – The CLSI subcontractor (ECS) is working on the filter diaphragm design and will be submitting plans by the end of February. We anticipate this project being put out to bid by May 1st.

Willow Ponds – BRM staff needs to make application for State and Federal Permits for this project. BRM staff will be applying for TAP funding for this project in May, 2018. An application was submitted to CBT for their Restoration Research grant this month relating to temperature at the outfall of the facility.

CONSTRUCTION STAGE:

READY FOR CONSTRUCTION:

Manchester Skate Park (Town of Manchester) (SHA-TAP Funds \$756,023.00) – Ray Barr with MDE provided BRM with a verbal response that the State permits for this project were going to be suspended. We have not received anything in writing to date. We are working on the final “draft of the MOU relating to the TAP funding.

UNDER CONSTRUCTION:

Blue Ridge Manor (New Windsor) (DNR Grant Funds \$250,000.00) – T.B. & H. is working on removing blasted material from the facility and installation of the storm drain. We will be meeting with them when this work is completed to discuss final grade of the facility. We anticipate this work being finished the week of March 12th weather permitting.

Hawk Ridge (Town of Sykesville) – Construction began this week with Stambaugh’s installing the sediment control and the orange safety fence. The low bid for the landscaping associated with the project was Red Hill Lawn Services, Inc. at \$11,850.00. Weather permitting we anticipate construction of this project to take about three (3) months. Excess materials will be disposed of at the Dulaney site.

COMPLETED WAITING FOR STABILIZATION:

Small Crossings/Savannah Estates (Hampstead) (DNR Grant Funds \$300,000.00) – Construction has been completed and the landscaping has been installed. All plats relating to ownership of the Savannah Estates parcel have been signed and are ready for recordation; Town will official own the facility. The as-built has been approved by BRM.

TREE PLANTING PROJECTS:

PLANTING PHASE:

City of Westminster – Trees were planted on 7.68 acres owned by the City of Westminster in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$13,866.30. Upon completion of the contractor’s obligation, the City will be responsible for maintenance of the planting.

Town of New Windsor – Trees were planted on 2.2 acres owned by the Town of New Windsor in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$7,618.70. Upon completion of the contractor’s obligation, the Town will be responsible for maintenance of the planting.

PROPOSED TOWN PROJECTS

PROJECT NAME	CITY/TOWN	ENGINEERING STATUS	CONSTRUCTION STATUS	EMCUMBERED TO DATE
Twin Ridge	Mt. Airy	Conceptual		\$82,349.00
Prospect Road	Mt. Airy	Conceptual		\$38,902.00
Merridale Gardens	Mt. Airy	Final		\$124,950.00
Shiloh Middle School	Hampstead	Preliminary		\$63,117.00
Small Crossing	Hampstead	Completed	Completed	\$431,519.94
Manchester Skate Park	Manchester	Completed	Not Started	\$82,116.00
Whispering Valley Phase 4	Manchester	Conceptual		\$56,160.00
Blue Ridge Manor	New Windsor	Completed	Under Construction	\$484,685.00
New Windsor Railroad Wetland	New Windsor	Preliminary Conceptual (BRM)		
Shannon Run	Sykesville	Final		\$548,527.00
Hawk Ridge Section 1	Sykesville	Completed	Under Construction	\$202,823.00
Robert's Mill	Taneytown	Preliminary		\$144,975.00
Elmer Wolfe	Union Bridge	Conceptual		\$29,970.00
Buckey Property	Union Bridge	NOT STARTED		\$500.00
Langdon	Westminster	Final		\$402,190.45
Willow Pond	Westminster	Final		\$190,493.00
Greens of Westminster	Westminster	NOT STARTED		

Total does not include Twin Ridge

Updated 2/27/18

NOTE: Twin Ridge is not covered under the MOA (Frederick County side of Mt. Airy)

Total	\$2,800,928.39
Awarded Grants	\$5,760,984.00
Pending Grants:	

DRAFT TOWN PROJECT LIST

PROPOSED PROJECTS	IA	APPROX. COST	ACTUAL COST TO CO./TOWN	FUNDING SOURCE	OTHER FUNDING SOURCE	IMP. AC. TREATED
Hampstead						
	67.76					
Tree Planting (Fall 2014)	0.63		\$3,128.10	DNR Grant	\$10,369.04	0.63
Shiloh Middle School	20	\$800,000	\$63,117.00			
Smalls Crossing	11.55	\$640,000	\$431,519.94	DNR Grant	\$300,000.00	11.55
Remaining IA	35.58	\$1,440,000				
Manchester						
	33.98					
Treeplanting (Fall 2014)	1.36		\$6,752.72	DNR Grant	\$23,052.71	1.36
Manchester Skate	27.4	\$1,000,000	\$82,116.00	TAP (80%)	\$756,043.00	
Whispering Valley	25.5	\$810,000	\$56,160.00	DNR Grant	\$375,000.00	
Remaining IA	-20.28	\$1,810,000				
Mt. Airy						
	37.45					
IDA Property	14.44	\$262,500		Participate w/IDA project @ \$25,000/acre		
Prospect Road	34.9	\$1,050,000	\$38,902.00			
Merridale Gardens	25.13	\$900,000	\$124,950.00	DNR Grant	\$425,000.00	
Remaining IA	-37.02	\$2,212,500				
New Windsor						
	17.94					
Blue Ridge Manor	9.07	\$540,000	\$484,685.00	DNR Grant	\$250,000.00	9.07
Treeplanting (Fall 2015)	0.73		\$4,800.00	DNR Grant	\$11,850.00	0.73
WWT Area	7	\$250,000				
Remaining IA	1.14	\$790,000				
Sykesville						
	20.72					
Shannon Run/Hawks Ridge Section 1	71.99	\$1,240,000	\$751,350.00	DNR Grant	\$600,000.00	25.1
Remaining IA	-51.27	\$1,240,000				

Taneytown		62.48				
Tree Planting (Fall 2014)	5.2		\$25,819.25	DNR Grant	\$89,772.17	5.2
Taneytown Elementary	60.5	\$650,000				
Robert's Mill	87	\$2,275,000	\$144,975.00	DNR Grant/CBT	\$1,075,000.00	
Remaining IA	-90.22	\$2,925,000				
Union Bridge		15.71				
Cherry Branch	3		\$8,500.00	DNR Grant	\$54,522.66	3
Elmer Wolfe	4.6	\$300,000	\$29,970.00			
Locust Street	11	\$240,000	\$500.00	DNR Grant	\$100,000.00	
Remaining IA	-2.89	\$540,000				
Westminster		113.79				
Tree Planting (Fall 2015)	2.6		\$13,866.30	Grant	\$33,733.70	2.6
Tree Planting (Fall 2014)	1.58		\$7,845.07	Grant	\$26,875.18	1.58
Langdon (formerly Jantz)	92	\$1,800,000	\$402,190.45	DNR Grant/TAP	\$1,879,941.00	
Willow Pond/Eden Farm	102.3	\$3,200,000	\$190,493.00			
Greens of Westminster	15.6	\$400,000				
Total IA	-100.29	\$5,400,000				

Total Cost to Towns		\$16,357,500			
20% Total IA	369.83				
Proposed IA Treated	635.08				
Excess IA Treated	-265.25		\$2,871,639.83 (Spent to date)	\$6,011,159.46	60.82
2/27/18 in Design	441.82				

635.08 acres treated or planned to be treated
\$25,504.84/IA

REVISED 2/27/18

Revised 6/20/16 - Added new total Town IA numbers including correction factor of 15%

Carroll County Water Resource Coordination Council

Hampstead * Manchester * Mt. Airy * New Windsor
Carroll County Health Department



* Sykesville * Taneytown * Union Bridge * Westminster
Carroll County Government

WRCC Meeting Summary March 28, 2018

Attendees:

Steve Miller	Kevin Hann	Brenda Dinne	Derek Shreves
Perry Jones	John Dick	Gary Dye	Gale Engles
Dick Swanson	Brett Grosnickle	Janet O'Meara	Mike Haufler
Jim Wieprecht	Glenn Edwards	Joanna Reznik	
Zachary Neal	Bonnie Bevard	Tiffany VanDerwerker	
Tom Devilbiss	Richard Brace	Monica Weirbach	

Opening Statement

The meeting was called to order by Steve Miller at approximately 2:30 p.m.

Mr. Miller introduced guest Tiffany VanDerwerker of the Maryland Geological Survey and Brett Grossnickle representing the City of Westminster. He stated that there is a need for a liaison to the Utilities Advisory Council. Their next meeting is in April. Mr. Miller also asked the Council members for ideas for future speakers.

The February 28, 2018 meeting summary was approved as written on motion of Dick Swanson, seconded by Jim Wieprecht and carried.

Update on Municipal Projects – Gale Engles

Gale Engles, Bureau of Resource Management, provided an update on the municipal restoration projects. A copy of that report is attached to this meeting summary.

Steve Miller asked Ms. Engles if she could speak to the Town Council of Manchester on the status of projects in their town.

Legislative Update – Brenda Dinne

Ms. Dinne reviewed the status of proposed environmental legislation for the 2018 Maryland General Assembly. She stated that there are no bills of particular concern for the WRCC.

Chlorides in Private Drinking Water Wells Presentation – Richard Brace and Zach Neal

Richard Brace, Carroll County Health Department and Zach Neal, Hydrogeologist, Department of Land and Resource Management gave a presentation on chlorides in private drinking water wells. Richard stated that this is an emerging issue, and calls to the Health Department have increased. He reviewed the common complaints received by the public, and the health concerns associated with chlorides. Zach reviewed groundwater contamination and attempts to distinguish between potential chloride sources.

Other

Tom Devilbiss asked the Council members if they would like a follow-up on the chlorides subject with a more in-depth academic presentation to get a regional or statewide opinion. Several members expressed interest. Discussion followed concerning what the next draft permit may require in relation to chlorides.

Zach Neal provided an update on well water levels. County wide there are declining water levels. We are somewhat better off than this time last year.

Adjournment

The meeting adjourned at 3:35 p.m. The next regular meeting is scheduled for April 25, 2018 at 2:30 p.m. in Room 105 of the County Office Building.

**TOWN
PROJECT STATUS
March 26, 2018**

FUTURE PROJECTS:

Union Bridge Project (Citizens Energy) (DNR Grant Funds \$250,000.00) – A joint meeting was held with the Town, County and Citizens Energy to discuss the project in regard to the development review process. BRM is currently to arrange a meeting with Citizens Energy to discuss the wetlands project. Preliminary discussions appear favorable for the project to be a go.

DESIGN STAGE:

RFP:

CONCEPTUAL:

Elmer Wolfe Elementary (Union Bridge) – A kickoff meeting was held with BAI on March 8th with BAI, the BOE, and BRM to discuss the project. We anticipate a concept plan submitted by the first of May.

Prospect Road (Mt. Airy Frederick and Carroll) – The drainage area study is due from Century Engineering April 1st. The scale of the project will be determined based on the drainage area study and if one project will be recommended at the bottom of the DA or numerous retrofits and small scale projects will be suggested within the DA.

Twin Ridge (Mt. Airy – Frederick County Side) – BRM staff met with staff from the Town to discuss the options discussed with MDE and determined that the engineer should adjust the bottom elevation to eliminate the amount of fill being removed from the site. A new embankment will be installed, removing the concerns with the embankment being the road itself. The concept plan is due into the office this week.

Whispering Valley (Manchester) (DNR Grant Funds \$375,000.00) – BRM and the Town met with the property owner of the parcel (Lambert) to discuss permanent ownership of the facility. An appraisal of the property that will be parceled off to the Town was requested. Meetings will be scheduled with adjoining property owners to discuss the proposed storm drain system and the impact to a row of trees.

PRELIMINARY:

Shiloh Middle School (Hampstead) – BRM is expecting preliminary plan submission this week in order to submit information with the application for the DNR grant due March 29th. BRM will be applying for the State and Federal Permits prior to April 1st.

FINAL:

Langdon Property (City of Westminster) (DNR Grant Funds \$900,000.00 and SHA-TAP Funds \$980,000.00) – BRM staff is waiting for cost estimate from Maryland Midland for hauling the excess materials to New Windsor by rail. The next submission to SHA will be the P. S. & E package requesting approval to go out to bid which will occur after BRM includes the rail costs into the package.

Merridale Gardens/Senior Center (Mt. Airy) (DNR Grant Funds \$425,000.00) – The final plans are ready for signature approval by SWM upon receipt of the easement letter from the downstream property owner relating to dam breach impacts. This is a balanced site; therefore, no disposal site is necessary and upon approval of the plans this project will be put out to public bid.

Robert's Mill (DNR Grant Funds \$1,000,000 and CBT Grant \$75,000) – BRM met with the City on March 26th to discuss the location of the wing walls for the bridge abatement when construction occurring within the sidewalk easement on the uphill side of the bridge. The City would like to construct the roadway portion of the bridge at the same time the County is retrofitting the facility. The City is looking into ownership of the small parcel within the facility footprint which is currently owned by the former developer.

Shannon Run/Hawk Ridge Estates (Town of Sykesville) (DNR Grant Funds \$600,000.00) – Shannon – BRM sent comments to CLSI the week of March 19th and we anticipate revised plans submitted by the end of April. This project should be able to be approved with next submission.

Willow Ponds – BRM applied for State and Federal permits for this project. Final plans were submitted by R. K. & K. the week of March 19th. DNR was very interested in the project when they visited the site around the 1st of March for their grant; however, there are quite a few requests for funding. Application was made to CBT for grant funding for their Restoration Research grant. Our application was for a temperature study of the gravel lens proposed in the bottom of the facility.

CONSTRUCTION STAGE:

READY FOR CONSTRUCTION:

Manchester Skate Park (Town of Manchester) (SHA-TAP Funds \$756,023.00) – Ray Barr with MDE provided BRM with a verbal response that the State permits for this project were going to be suspended. We have not received anything in writing to date. BRM is scheduling a meeting with SHA to discuss the possibility of transferring the TAP funds to the Willow Pond project

UNDER CONSTRUCTION:

Blue Ridge Manor (New Windsor) (DNR Grant Funds \$250,000.00) – T. B. H. is hauling the remaining material to the lagoon and relocating the dewatering pipe in the large lagoon to the small lagoon. They are also working on installing the filter media in the facility and final grading/stabilization of the slopes. Change Order #1 is currently on hold for approval.

Hawk Ridge (Town of Sykesville) – Stambaugh's is currently working on storm drain and headwall installation. Excess materials will be hauled to the Dulaney property on Klee Mill Road.

COMPLETED WAITING FOR STABILIZATION:

Small Crossings/Savannah Estates (Hampstead) (DNR Grant Funds \$300,000.00) – BRM is looking at installing Leyland Cypress along the property line of several properties in Savannah Estates. This facility needs to be reseeded and mulch in the next several weeks.

TREE PLANTING PROJECTS:

PLANTING PHASE:

City of Westminster – Trees were planted on 7.68 acres owned by the City of Westminster in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$13,866.30. Upon completion of the contractor's obligation, the City will be responsible for maintenance of the planting.

Town of New Windsor – Trees were planted on 2.2 acres owned by the Town of New Windsor in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$7,618.70. Upon completion of the contractor's obligation, the Town will be responsible for maintenance of the planting.

DRAFT TOWN PROJECT LIST

PROPOSED PROJECTS	IA	APPROX. COST	ACTUAL COST TO CO./TOWN	FUNDING SOURCE	OTHER FUNDING SOURCE	IMP. AC. TREATED
Hampstead (67.76)						
Tree Planting (Fall 2014)	0.63		\$3,128.10	DNR Grant	\$10,369.04	0.63
Shiloh Middle School	20	\$800,000	\$63,117.00			
Smalls Crossing	11.55	\$640,000	\$431,519.94	DNR Grant	\$300,000.00	11.55
Remaining IA	30.72	\$1,440,000				
Manchester (33.98)						
Treeplanting (Fall 2014)	1.36		\$6,752.72	DNR Grant	\$23,052.71	1.36
Manchester Skate	27.4	\$1,000,000	\$82,116.00	TAP (80%)	\$756,043.00	
Whispering Valley	25.5	\$810,000	\$56,160.00	DNR Grant	\$375,000.00	
Remaining IA	-16.59	\$1,810,000				
Mt. Airy (37.45)						
IDA Property	14.44	\$262,500		Participate w/IDA project @ \$25,000/acre		
Prospect Road	34.9	\$1,050,000	\$38,902.00			
Merridale Gardens	25.13	\$900,000	\$124,950.00	DNR Grant	\$425,000.00	
Remaining IA	-19.58	\$2,212,500				
New Windsor (17.94)						
Blue Ridge Manor	9.07	\$540,000	\$484,685.00	DNR Grant	\$250,000.00	9.07
Treeplanting (Fall 2015)	0.73		\$4,800.00	DNR Grant	\$11,850.00	0.73
WWT Area	7	\$250,000				
Remaining IA	2.67	\$790,000				
Sykesville (20.72)						
Shannon Run/Hawks Ridge Section 1	71.99	\$1,240,000	\$751,350.00	DNR Grant	\$600,000.00	25.1
Remaining IA	-38.94	\$1,240,000				

Taneytown (62.48)	78.35					
Tree Planting (Fall 2014)	5.2		\$25,819.25	DNR Grant	\$89,772.17	5.2
Taneytown Elementary	60.5	\$650,000				
Robert's Mill	87	\$2,275,000	\$144,975.00	DNR Grant/CBT	\$1,075,000.00	
Remaining IA	-74.35	\$2,925,000				
Union Bridge (15.71)	17.55					
Cherry Branch	3		\$8,500.00	DNR Grant	\$54,522.66	3
Elmer Wolfe	4.6	\$300,000	\$29,970.00			
Locust Street	11	\$240,000	\$500.00	DNR Grant	\$100,000.00	
Remaining IA	-1.05	\$540,000				
Westminster (113.79)	149.03					
Tree Planting (Fall 2015)	2.6		\$13,866.30	Grant	\$33,733.70	2.6
Tree Planting (Fall 2014)	1.58		\$7,845.07	Grant	\$26,875.18	1.58
Langdon (formerly Jantz)	92	\$1,800,000	\$402,190.45	DNR Grant/TAP	\$1,879,941.00	
Willow Pond/Eden Farm	102.3	\$3,200,000	\$190,493.00			
Greens of Westminster	15.6	\$400,000				
Total IA	-65.05	\$5,400,000				

Total Cost to Towns **\$16,357,500**

20% Total IA **452.91**

Proposed IA Treated **635.08**

Excess IA Treated **-182.17**

2/27/18 in Design **441.82**

635.08 acres treated or planned to be treated

\$25,504.84/IA based on total cost of project

635.08 acres treated or planned to be treated

\$16,308.97/IA cost not including the grants awarded

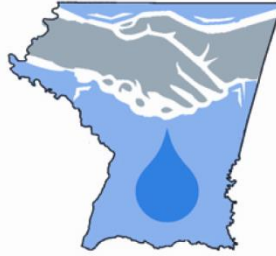
REVISED 3/26/18

\$2,871,639.83 (Spent to date) **\$6,011,159.46** **60.82**

3/26/18 - Changed 20% untreated IA number based on staff analysis of existing BMP's treated for the 2017 Annual Report.

Carroll County Water Resource Coordination Council

Hampstead * Manchester * Mt. Airy * New Windsor
Carroll County Health Department



* Sykesville * Taneytown * Union Bridge * Westminster
Carroll County Government

WRCC Meeting Summary April 25, 2018

Attendees:

Perry Jones
Dick Swanson
Jim Wieprecht

Kevin Hann
Eric Hines
Aretha Adams

Gary Dye
Joanna Reznik
Monica Weirbach

Gale Engles
Zachary Neal
Tom Devilbiss
Donnie Nott

Opening Statement

The meeting was called to order by Jim Wieprecht at approximately 2:30 p.m.

The March 28, 2018 meeting summary was approved as written.

Update on Municipal Projects – Gale Engles

Gale Engles, Bureau of Resource Management, provided an update on the municipal restoration projects. A copy of that report is attached to this meeting summary.

Legislative Update – Tom Devilbiss

Tom Devilbiss presented a final legislative summary. Mr. Devilbiss also introduced the Council members to Senate Bill 496, Graywater legislation. A request was made to transmit a copy of the approved legislation to members.

NGO Visit – Tom Devilbiss

Tom Devilbiss told the Council members about the Choose Clean Water Coalition NPDES MS4 tour being conducted by the Carroll County Department of Land and Resource Management on May 4, 2018. He reviewed the agenda for the day. An offer was made to members regarding attendance if they so choose. Staff would like to schedule a similar tour for the WRCC in late summer or early fall.

Other

Zach Neal provided an update on well water levels. He reported that levels are near normal with a slight drought compared to where we were last year.

Agricultural BMP Implementation Carroll County – Soil Conservation District – Eric Hines

Eric Hines, District Conservationist with NRCS, discussed the NRCS functions and mission. Specifically Mr. Hines presented the organizational structure of the conservation partnership, range and purpose of agricultural best management practices, and funding/dollars spent in Carroll County.

Adjournment

The next regular meeting is scheduled for May 23, 2018 at 2:30 p.m. in Room 105 of the County Office Building.

**TOWN
PROJECT STATUS
April 25, 2018**

FUTURE PROJECTS:

Michael's Property (Hampstead) – A meeting was held with the property owners of the Michaels Property on Shiloh Road in Hampstead and their attorney to discuss the proposed project. BRM shared the rendering of the property which included a layout of a subdivision based on the existing R20,000 zoning. They need to settle water issues with the Town and sewer issues with the County before committing to allowing the project to move forward. This project could ultimately treat 102 acres of impervious area in the 349 acre drainage area.

DESIGN STAGE:

RFP:

Union Bridge Project (Citizens Energy) (DNR Grant Funds \$250,000.00) – A license agreement is currently in the process of being executed to allow access to the property for design work. Meeting with Citizens Energy went very well and they are willing to convey the property at no charge to the Town. Proposals have been submitted for the engineering.

CONCEPTUAL:

Elmer Wolfe Elementary (Union Bridge) – BAI has submitted the concept plan to BRM and it is currently being reviewed by staff.

Prospect Road (Mt. Airy Frederick and Carroll) – BRM met with Century Engineering and the Town to discuss Century's findings from their watershed study. Four (4) areas were identified as potential project sites. An on-site meeting will be scheduled with MDE, the Army Corp., and DNR to discuss potential permitting issues at each location. Determination will be made on how to proceed once feedback from the permitting agencies has been received.

Twin Ridge (Mt. Airy – Frederick County Side) – The revised plans are in BRM for review addressing the discussions that were held with MDE and the Town.

Whispering Valley (Manchester) (DNR Grant Funds \$375,000.00) – BRM and the Town met with the Lambert's to discuss ownership of the SWM pond area. A request for proposal has been sent to Bitzel & Associates for an appraisal. BRM met with adjoining property owners relating to off-site drainage and the proposed storm drain system.

PRELIMINARY:

Shiloh Middle School (Hampstead) – Tom has concerns with the proposed excavation associated with the retrofit and the affect it may have on the Town well. Alternatives are being looked at currently. Application has been made for State/Federal Permits.

FINAL:

Langdon Property (City of Westminster) (DNR Grant Funds \$900,000.00 and SHA-TAP Funds \$980,000.00) – BRM staff met with Maryland Midland yesterday (April 24th) and are waiting for cost estimate from Maryland Midland for hauling the excess materials to New Windsor by rail. The next submission to SHA will be the P. S. & E package requesting approval to go out to bid which will occur after BRM includes the rail costs into the package.

Robert's Mill (City of Taneytown) (DNR Grant Funds \$1,000,000 and CBT Grant \$75,000) – CLSI is moving forward with the final construction drawings and will be working on the fill site at Memorial Park as well.

Shannon Run/Hawk Ridge Estates (Town of Sykesville) (DNR Grant Funds \$600,000.00) – Shannon – CLSI submitted plans to BRM for review and these plans will need to go to MDE for dam safety review as well.

Willow Ponds – Final comments were sent from BRM to RK&K and we are awaiting resubmission. Application was made to DNR for construction funding \$1.9 million was requested. BRM will also be submitting an application to SHA for TAP funding as well.

CONSTRUCTION STAGE:

READY FOR CONSTRUCTION:

Manchester Skate Park (Town of Manchester) (SHA-TAP Funds \$756,023.00) – Ray Barr with MDE provided BRM with a verbal response that the State permits for this project were going to be suspended. We have not received anything in writing to date. BRM is scheduled to meet with SHA to discuss the possibility of transferring the TAP funds to the Willow Pond project on April 27th.

Merridale Gardens/Senior Center (Mt. Airy) (DNR Grant Funds \$425,000.00) – The plans and specifications are going out to bid this week. Bids are due back on May 16th. This bid package will be used to determine our term contractors list for the next five (5) years.

UNDER CONSTRUCTION:

Hawk Ridge (Town of Sykesville) – Stambaugh’s is working on excavation of the facility. Once this work is completed, they will proceed with any storm drain work associated with the project. BRM anticipates completion of this project by the end of June.

COMPLETED WAITING FOR STABILIZATION:

Blue Ridge Manor (New Windsor) (DNR Grant Funds \$250,000.00) – TB&H is finished at the Blue Ridge Manor facility and is wrapping up at the Lagoon as well. This project is waiting for stabilization.

Small Crossings/Savannah Estates (Hampstead) (DNR Grant Funds \$300,000.00) – BRM is looking at installing Leyland Cypress along the property line of several properties in Savannah Estates. This facility needs to be reseeded and mulch in the next several weeks.

TREE PLANTING PROJECTS:

PLANTING PHASE:

City of Westminster – Trees were planted on 7.68 acres owned by the City of Westminster in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$13,866.30. Upon completion of the contractor’s obligation, the City will be responsible for maintenance of the planting.

Town of New Windsor – Trees were planted on 2.2 acres owned by the Town of New Windsor in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$7,618.70. Upon completion of the contractor’s obligation, the Town will be responsible for maintenance of the planting.

DRAFT TOWN PROJECT LIST

PROPOSED PROJECTS	IA	APPROX. COST	ACTUAL COST TO CO./TOWN	FUNDING SOURCE	OTHER FUNDING SOURCE	IMP. AC. TREATED
Hampstead (67.76)						
	62.9					
Tree Planting (Fall 2014)	0.63		\$3,128.10	DNR Grant	\$10,369.04	0.63
Shiloh Middle School	20	\$800,000	\$63,917.00			
Smalls Crossing	11.55	\$640,000	\$431,519.94	DNR Grant	\$300,000.00	11.55
Remaining IA	30.72	\$1,440,000				
Manchester (33.98)						
	37.67					
Treeplanting (Fall 2014)	1.36		\$6,752.72	DNR Grant	\$23,052.71	1.36
Manchester Skate	27.4	\$1,000,000	\$82,116.00	TAP (80%)	\$756,043.00	
Whispering Valley	25.5	\$810,000	\$56,160.00	DNR Grant	\$375,000.00	
Remaining IA	-16.59	\$1,810,000				
Mt. Airy (37.45)						
	54.89					
IDA Property	14.44	\$262,500		Participate w/IDA project @ \$25,000/acre		
Prospect Road	34.9	\$1,050,000	\$38,902.00			
Merridale Gardens	25.13	\$900,000	\$124,950.00	DNR Grant	\$425,000.00	
Remaining IA	-19.58	\$2,212,500				
New Windsor (17.94)						
	19.47					
Blue Ridge Manor	9.07	\$540,000	\$526,258.00	DNR Grant	\$250,000.00	9.07
Treeplanting (Fall 2015)	0.73		\$4,800.00	DNR Grant	\$11,850.00	0.73
WWT Area	7	\$250,000				
Remaining IA	2.67	\$790,000				
Sykesville (20.72)						
	33.05					
Shannon Run/Hawks Ridge Section 1	71.99	\$1,240,000	\$751,350.00	DNR Grant	\$600,000.00	25.1
Remaining IA	-38.94	\$1,240,000				

Taneytown (62.48)	78.35					
Tree Planting (Fall 2014)	5.2		\$25,819.25	DNR Grant	\$89,772.17	5.2
Taneytown Elementary	60.5	\$650,000				
Robert's Mill	87	\$2,275,000	\$144,975.00	DNR Grant/CBT	\$1,075,000.00	
Remaining IA	-74.35	\$2,925,000				
Union Bridge (15.71)	17.55					
Cherry Branch	3		\$8,500.00	DNR Grant	\$54,522.66	3
Elmer Wolfe	4.6	\$300,000	\$29,970.00			
Locust Street	11	\$240,000	\$55,296.00	DNR Grant	\$100,000.00	
Remaining IA	-1.05	\$540,000				
Westminster (113.79)	149.03					
Tree Planting (Fall 2015)	2.6		\$13,866.30	Grant	\$33,733.70	2.6
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Willow Pond/Eden Farm	102.3	\$3,200,000	\$194,994.00			
Greens of Westminster	15.6	\$400,000				
Total IA	-65.05	\$5,400,000				

Total Cost to Towns **\$16,357,500**

20% Total IA **452.91**

Proposed IA Treated **635.08**

Excess IA Treated **-182.17**

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635.08 acres treated or planned to be treated

\$25,504.84/IA based on total cost of project

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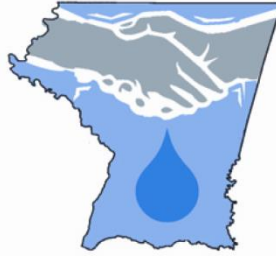
REVISED 3/26/18

\$2,973,309.83 (Spent to date) **\$6,011,159.46** **60.82**

3/26/18 - Changed 20% untreated IA number based on staff analysis of existing BMP's treated for the 2017 Annual Report.

Carroll County Water Resource Coordination Council

Hampstead * Manchester * Mt. Airy * New Windsor
Carroll County Health Department



* Sykesville * Taneytown * Union Bridge * Westminster
Carroll County Government

WRCC Meeting Summary May 23, 2018

Attendees:

Kevin Hann
Perry Jones
Gale Engles

Kelly Martin
Janet O'Meara
Deb Bowers

Jo Reznik
Jim Wieprecht
Tom Devilbiss

Steve Miller
Brenda Dinne
Glenn Edwards
Bonnie Bevard

Opening Statement

The meeting was called to order by Steve Miller at approximately 2:30 p.m. Mr. Miller thanked Jim Wieprecht for chairing the April 25, 2018 meeting in his absence. He commended the Department of Land and Resource Management for coordinating the NGO Choose Clean Water Coalition visit to Carroll County on May 4, 2018. Mr. Miller is still looking for a volunteer from the WRCC to be a liaison to the Utilities Advisory Committee.

The April 25, 2018 meeting summary was approved as written on motion of Perry Jones, seconded by Kevin Hann and carried.

Update on Municipal Projects – Gale Engles

Gale Engles, Bureau of Resource Management, provided an update on the municipal restoration projects. A copy of that report will be e-mailed to all Council members (see attachment).

Agricultural Land Preservation Presentation – Deborah Bowers

Deborah Bowers, Program Manager, Agricultural Land Preservation Program informed the Council members of the four programs offered: County, Maryland Agricultural Land Preservation Foundation (MALPF), Rural Legacy, and Critical Farms. She discussed each program's qualifications and payment options. She stated that the total land preserved by a recorded deed of easement is 71,258 acres. Deborah also outlined the benefits of agricultural preservation to Carroll County's economy and to County farmers.

To serve as the lead intergovernmental agency for water resource planning, development and protection.

Phase III WIP Status – Brenda Dinne

Brenda stated that the State is working on Phase III WIP. The State is not looking for local input and will draft their own WIP. She will share planning targets as she learns of them. Ms. Dinne had previously informed the Council members by e-mail of the spring 2018 Central Maryland WIP Workshop on June 5, 2018 in Catonsville, and reminded them of that event.

NGO Visit Summary – Tom Devilbiss

Tom Devilbiss summarized the NGO Choose Clean Water Coalition visit to Carroll County on May 4, 2018. The morning session included permit programmatic sessions presented by County staff. After lunch, the visitors were taken on a field tour of a variety of the Bureau of Resource Management's restoration projects. Feedback was positive and included a letter from Charles Porcari on behalf of the Board of Directors of the Maryland League of Conservation Voters thanking and complementing County staff on the visit.

Other

Brenda Dinne shared that COMAR currently addresses Classes I, II, and III reclaimed water. MDE is drafting regulations for Class IV reclaimed water by incorporating the tables from the existing guidance document into regulations. A draft is expected to be out in mid-August 2018. Regulations to address the recent legislation regarding residential graywater use should be available by October 2018.

Steve Miller led a discussion on possible future topics. Water reuse was suggested. Mr. Miller stated that the Town of Manchester has been working with the Conserve Group, and will explore having a representative attend a future WRCC meeting to explain what they are doing in Manchester. Another suggestion was rain harvesting.

Adjournment

The next regular meeting is scheduled for June 27, 2018 at 2:30 p.m. in Room 105 of the County Office Building.

**TOWN
PROJECT STATUS
May 23, 2018**

FUTURE PROJECTS:

Michael's Property (Hampstead) – A pre-conceptual plan was forwarded to Dave Bowersox to share with the owners of the property. The Michaels had some concerns with water/sewer issues which need to be work out; however, they were very interested in the project. This project could ultimately treat 102 acres of impervious area in the 349 acre drainage area.

Trevanion Terrace (MDE Bay Restoration FY 20 Grant Pending) (Taneytown) – BRM is working on the RFP for engineering on this retrofit project. The City is in the process of acquiring the parcel and has provided BRM with a copy of a letter regarding the design work.

DESIGN STAGE:

RFP:

The Greens of Westminster Sec. 6, Pond #2 (MDE Bay Restoration FY 20 Grant Pending) (Westminster) – The RFP is currently out for bids to the engineering term contractors and is due back on June 29th. This retrofit will not require State or Federal Permits and will treat approximately 12 acres of impervious area.

CONCEPTUAL:

Elmer Wolfe Elementary (Union Bridge) – BAI has submitted the revised concept plan to which appear to have addressed previous comments; therefore, approval of SWM should be forthcoming. SCD has approved the plans and we will need to acquire forest conservation approval of an exemption in the near future. BOE has approved the concept design.

Locust Street (Citizens Energy) (DNR Grant Funds \$100,000.00) – Century Engineering was contracted to design the facility at a cost of \$54,796.00. The pre-design meeting was held May 2nd to discuss the project and BRM/Town goals. We anticipate plans in mid-July. The only State/Federal permits required will be for floodplain approval.

Prospect Road (Mt. Airy Frederick and Carroll) – BRM met with State/Federal staff on site to discuss project areas and it was determined that Sites 2 and 10 were the sites to consider first. A meeting last week with the Town, Century Engineering, and BRM staff was held to discuss the next steps which included submission of a pre-conceptual plan, report, and cost estimate for these two (2) sites. This packet of information will be sent to BRM by the end of July. This project will be submitted for TAP funds in March of 2019.

Shiloh Middle School (Hampstead) – Concerns were raised relating to the Town well; therefore, a small facility will be installed below the outfall of the pipe under Willow Street which will alleviate the need to change the design of the retrofit. The change in designed, required a new concept plan approval. Waiting for response to application for State/Federal permits from the permitting agencies. Need SCD, Town, and Forest Conservation approval of the plans. BOE is okay with the proposed design change.

PRELIMINARY:

Twin Ridge (Mt. Airy – Frederick County Side) – BRM approved the concept plans and forwarded them to MDE Dam Safety for their review. MDE requested additional information from BRM which was provided and we are waiting to hear from the Town on the condition of the pipe under the road.

Whispering Valley (Manchester) (DNR Grant Funds \$375,000.00) – BRM is currently waiting on the appraisal from Bitzel & Associates and will be scheduling time with two (2) property owners on the use-in-common to get their approval of the design. BRM approved the concept plans for SWM. BRM needs to apply for State/Federal permits for this project.

FINAL:

Langdon Property (City of Westminster) (DNR Grant Funds \$900,000.00 and SHA-TAP Funds \$980,000.00) – BRM will be submitting revised plans to SHA for approval prior to submitting the P. S. & E. packet for approval to go out to bid. BRM is working closely with Maryland Midland and Jay Gullo relating to hauling and disposal of the excess material. We will be meeting with County staff to discuss the draft proposals from Maryland Midland and comments that staff may have relating to the proposals.

Robert's Mill (City of Taneytown) (DNR Grant Funds \$1,000,000 and CBT Grant \$75,000) – CLSI should have final plans to BRM for review by the end of June. Meeting will be scheduled with surrounding property owners in mid-July. City is in the process of acquiring the Parcel E Sarah's Choice Phase 3 which is a SWM facility within the LOD of the project.

Shannon Run/Hawk Ridge Estates (Town of Sykesville) (DNR Grant Funds \$600,000.00) – Shannon – CLSI submitted revised plans which will be reviewed by BRM by the end of June. Plans will be sent to MDE for dam safety review as well. Need NOI and State/Federal permits as well as forest conservation, Town, floodplain, and sediment control.

Willow Ponds (Pending DNR and TAP Grant Awards) – Application was made for State/Federal Permits and comments have been reviewed relating to the project. R.K. & K. is working on addressing BRM comments and should be submitting revised plans within the next several weeks.

CONSTRUCTION STAGE:

READY FOR CONSTRUCTION:

Manchester Skate Park (Town of Manchester) (SHA-TAP Funds \$756,023.00) – County/Town have sent letters to MDE/DNR indicating that we will not be proceeding with the project due to the recent discovery of trout downstream of the project. A letter was sent to SHA to return the TAP funding as well. This project can be removed from the list next month.

Merridale Gardens/Senior Center (Mt. Airy) (DNR Grant Funds \$425,000.00) – The BCC approved awarding the construction contract to Conewago in the amount of \$1,196,212.00. We anticipate construction beginning on this project in July. The Joy letter is acceptable to both the Town and Mrs. Joy and is being reviewed for signature by the Town attorney. The Town now has ownership of the property.

UNDER CONSTRUCTION:

Hawk Ridge (Town of Sykesville) – Stambaugh's is actively working on final grading the slopes and is battling wet weather. BRM anticipates completion of the project in mid-July.

COMPLETED WAITING FOR STABILIZATION:

Blue Ridge Manor (New Windsor) (DNR Grant Funds \$250,000.00) – T. B. & H. is wrapping up removal of a portion of blacktop, stabilization of the area, and replacement of the guardrail as requested by SHA. The facility is stabilized and was issued a Grading Completion Certificate on May 13, 2018.

Small Crossings/Savannah Estates (Hampstead) (DNR Grant Funds \$300,000.00) – This project is completed and was issued a Grading Completion Certificate this week. As-Built was approved for this project.

TREE PLANTING PROJECTS:

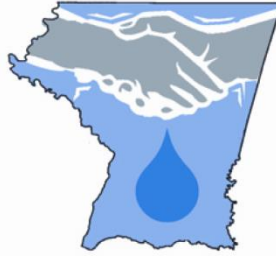
PLANTING PHASE:

City of Westminster – Trees were planted on 7.68 acres owned by the City of Westminster in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$13,866.30. Upon completion of the contractor's obligation, the City will be responsible for maintenance of the planting.

Town of New Windsor – Trees were planted on 2.2 acres owned by the Town of New Windsor in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$7,618.70. Upon completion of the contractor's obligation, the Town will be responsible for maintenance of the planting.

Carroll County Water Resource Coordination Council

Hampstead * Manchester * Mt. Airy * New Windsor
Carroll County Health Department



* Sykesville * Taneytown * Union Bridge * Westminster
Carroll County Government

WRCC Meeting Summary June 27, 2018

Attendees:

Kevin Hann	Kelly Martin	Jo Reznik	Steve Miller
Perry Jones	Janet O'Meara	Jim Wieprecht	Brenda Dinne
Zach Neal	Byron Madigan	Gary Dye	Glenn Edwards
Derek Shreves	Richard Brace	Dick Swanson	Bonnie Bevard

Opening Statement

The meeting was called to order by Steve Miller at approximately 2:30 p.m. Mr. Miller thanked County staff Glenn Edwards, Jo Reznik, Byron Madigan, and Zach Neal for their response to his request for help with the investigation of a hazardous material incident that was upgrade of two Town of Manchester water supplies. He informed the Council members of the details of this incident including the agencies he notified, their response, and the current status.

The May 23, 2018 meeting summary was approved as written on motion of Perry Jones, seconded by Dick Swanson and carried.

Update on Municipal Projects – Janet O'Meara

Janet O'Meara, Bureau of Resource Management, provided an update on the municipal restoration projects. A copy of that report is attached.

Discussion on Future Agenda Items

Council members were given a list of ideas for topics and presentations for upcoming WRCC meetings in 2018 and 2019. Steve Miller asked them to prioritize the ideas and return the list to Bonnie Bevard prior to the next meeting.

Discussion on Cool Water Advisory Board – Byron Madigan and Tom Devilbiss

Byron Madigan, Water Resources Supervisor, gave a general overview of Maryland's Use Classification System. Byron shared that all streams in Maryland have a Use Classification Designation whether it is a cold water or warm water fishery. Due to some recent incidences, such as the discovery of brook trout downstream of the previous Manchester Skate Park location, MDE is looking at revising the Use Classification Designations to better support what is

To serve as the lead intergovernmental agency for water resource planning, development and protection.

happening on the ground. They are considering adding a cool water classification. DNR has provided some data on a cold water resources mapping tool that identifies where there have been some temperature studies, brook trout found, or potential cold water obligates, and Byron shared that with the Council members as well.

A Cool Water Advisory Board has been formed, and is looking at all of the Use Classification Designations. Tom Devilbiss will be discussing more details of the Cool Water Advisory Board at a future WRCC meeting.

Other

Byron talked about the tree planting projects that were at the end of Janet O'Meara's municipal projects report. Some of the plantings that were done the last few years are still under contractor maintenance but will soon be coming off contractor maintenance. Some of them are not under contractor maintenance and are being maintained by the towns. He reminded everyone that maintenance is extremely important on the first 4-6 years of tree plantings. They are seeing 90%-92% survival rate for those that are being maintained and 50%-60% survival rate for those that are not being maintained. For TMDL impervious acre treatment we get 1 acre impervious credit for every 3 acres of tree plantings.

Brenda Dinne gave a briefing on the 2018 Central Maryland Phase III Watershed Implementation Plan (WIP) Workshop held on June 5, 2018 in Catonsville. She reported that 75% of the 2025 nitrogen goal has been met and 95% of the 2025 phosphorus goal has been met. The focus for the Phase III WIP is different in that there will be one State document, and counties will not have to develop or update their own WIP. New focus for this plan will be resiliency, which is climate change, and building strategies into that, a separate WIP for the Conowingo dam, and accounting for growth. She also reviewed the timeline.

Derek Shreves, Director of Public Works for the Town of Sykesville spoke about recent flooding in Sykesville that was due to CSX inadequacies. Five drains under the tracks were completely blocked or covered with sediment which forced everything ½ mile upstream from Sykesville to the Baldwin's parking lot. There was also a problem with the drains in the middle of Main Street. The town worked with CSX to resolve the problems.

Zach Neal gave a brief report on well levels. Water levels are all up. Shallow wells are starting to climb. Deeper ones are still on their way up. Levels should be good for the rest of the summer and early fall.

Adjournment

The meeting adjourned at 3:15 p.m. The next regular meeting is scheduled for July 27, 2018 at 2:30 p.m. in Room 105 of the County Office Building.

TOWN PROJECT STATUS June 27, 2018

FUTURE PROJECTS:

Michael's Property (Hampstead) – A pre-conceptual plan was forwarded to Dave Bowersox to share with the owners of the property. The Michaels had some concerns with water/sewer issues which need to be work out; however, they were very interested in the project. This project could ultimately treat 102 acres of impervious area in the 349 acre drainage area.

Trevanion Terrace (MDE Bay Restoration FY 20 Grant Pending) (Taneytown) – BRM is working on the RFP for engineering on this retrofit project. The City is in the process of acquiring the parcel and has provided BRM with a copy of a letter regarding the design work.

DESIGN STAGE:

RFP:

The Greens of Westminster Sec. 6, Pond #2 (MDE Bay Restoration FY 20 Grant Pending) (Westminster) – The RFP is currently out for bids to the engineering term contractors and is due back on June 29th. This retrofit will not require State or Federal Permits and will treat approximately 12 acres of impervious area.

CONCEPTUAL:

Elmer Wolfe Elementary (Union Bridge) – BAI has submitted the revised concept plan to which appear to have addressed previous comments; therefore, approval of SWM should be forthcoming. SCD has approved the plans and we will need to acquire forest conservation approval of an exemption in the near future. BOE has approved the concept design.

Locust Street (Citizens Energy) (DNR Grant Funds \$100,000.00) – Century Engineering was contracted to design the facility at a cost of \$54,796.00. The pre-design meeting was held May 2nd to discuss the project and BRM/Town goals. Concept plans were received June 25th and will be reviewed by SWM, SCD, and Town staff. The only State/Federal permits required will be for floodplain approval.

Prospect Road (Mt. Airy Frederick and Carroll) – BRM met with State/Federal staff on site to discuss project areas and it was determined that Sites 2 and 10 were the sites to consider first. A meeting last week with the Town, Century Engineering, and BRM staff was held to discuss the next steps which included submission of a pre-conceptual plan, report, and cost estimate for these two (2) sites. This packet of information will be sent to BRM by the end of July. This project will be submitted for TAP funds in March of 2019.

Shiloh Middle School (Hampstead) – Concerns were raised relating to the Town well; therefore, a small facility will be installed below the outfall of the pipe under Willow Street which will alleviate the need to change the design of the retrofit. The change in designed, required a new concept plan approval. Waiting for response to application for State/Federal permits from the permitting agencies. Need SCD, Town, and Forest Conservation approval of the plans. BOE is okay with the proposed design change.

PRELIMINARY:

Twin Ridge (Mt. Airy – Frederick County Side) – BRM approved the concept plans and forwarded them to MDE Dam Safety for their review. MDE requested additional information from BRM which was provided and we are waiting to hear from the Town on the condition of the pipe under the road.

Whispering Valley (Manchester) (DNR Grant Funds \$375,000.00) – BRM is currently waiting on the appraisal from Bitzel & Associates and will be scheduling time with two (2) property owners on the use-in-common to get their approval of the design. BRM approved the concept plans for SWM. BRM needs to apply for State/Federal permits for this project.

FINAL:

Langdon Property (City of Westminster) (DNR Grant Funds \$900,000.00 and SHA-TAP Funds \$980,000.00) – BRM will be submitting revised plans to SHA for approval prior to submitting the P. S. & E. packet for approval to go out to bid. BRM is working closely with Maryland Midland and Jay Gullo relating to hauling and disposal of the excess material. We will be meeting with County staff to discuss the draft proposals from Maryland Midland and comments that staff may have relating to the proposals.

Robert's Mill (City of Taneytown) (DNR Grant Funds \$1,000,000 and CBT Grant \$75,000) – CLSI should have final plans to BRM for review by the end of June. Meeting will be scheduled with surrounding property owners in mid-July. City is in the process of acquiring the Parcel E Sarah's Choice Phase 3 which is a SWM facility within the LOD of the project.

Shannon Run/Hawk Ridge Estates (Town of Sykesville) (DNR Grant Funds \$600,000.00) – Shannon – BRM has approved the plans and the plans have been submitted to MDE for their approval. Plans will be sent to MDE for dam safety review as well. Need NOI and State/Federal permits as well as forest conservation, Town, floodplain, and sediment control.

Willow Ponds (Pending DNR and TAP Grant Awards) – Application was made for State/Federal Permits and comments have been reviewed relating to the project. R.K. & K. is working on addressing BRM comments and should be submitting revised plans within the next several weeks.

CONSTRUCTION STAGE:

READY FOR CONSTRUCTION:

Manchester Skate Park (Town of Manchester) (SHA-TAP Funds \$756,023.00) – County/Town have sent letters to MDE/DNR indicating that we will not be proceeding with the project due to the recent discovery of trout downstream of the project. A letter was sent to SHA to return the TAP funding as well. This project can be removed from the list next month.

Merridale Gardens/Senior Center (Mt. Airy) (DNR Grant Funds \$425,000.00) – The BCC approved awarding the construction contract to Conewago in the amount of \$1,196,212.00. We anticipate construction beginning on this project in July. The Joy letter is acceptable to both the Town and Mrs. Joy and is being reviewed for signature by the Town attorney. The Town now has ownership of the property.

UNDER CONSTRUCTION:

Hawk Ridge (Town of Sykesville) – Stambaugh's is actively working on final grading the slopes and is battling wet weather. BRM anticipates completion of the project in mid-July.

COMPLETED WAITING FOR STABILIZATION:

Blue Ridge Manor (New Windsor) (DNR Grant Funds \$250,000.00) – T. B. & H. is wrapping up removal of a portion of blacktop, stabilization of the area, and replacement of the guardrail as requested by SHA. The facility is stabilized and was issued a Grading Completion Certificate on May 13, 2018.

Small Crossings/Savannah Estates (Hampstead) (DNR Grant Funds \$300,000.00) – This project is completed and was issued a Grading Completion Certificate this week. As-Built was approved for this project.

TREE PLANTING PROJECTS:

PLANTING PHASE:

City of Westminster – Trees were planted on 7.68 acres owned by the City of Westminster in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$13,866.30. Upon completion of the contractor's obligation, the City will be responsible for maintenance of the planting.

Town of New Windsor – Trees were planted on 2.2 acres owned by the Town of New Windsor in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$7,618.70. Upon completion of the contractor's obligation, the Town will be responsible for maintenance of the planting.

PROPOSED TOWN PROJECTS

PROJECT NAME	CITY/TOWN	ENGINEERING STATUS	CONSTRUCTION STATUS	EMCUMBERED TO DATE
Twin Ridge	Mt. Airy	Preliminary		\$82,349.00
Prospect Road	Mt. Airy	Conceptual		\$38,902.00
Merridale Gardens	Mt. Airy	Completed	Ready for Construction	\$1,321,162.00
Shiloh Middle School	Hampstead	Conceptual		\$67,764.00
Small Crossing	Hampstead	Completed	Completed	\$431,519.94
Whispering Valley Phase 4	Manchester	Preliminary		\$88,095.00
Blue Ridge Manor	New Windsor	Completed	Under Construction	\$531,558.00
New Windsor Railroad Wetland	New Windsor	Preliminary Conceptual (BRM)		
Shannon Run	Sykesville	Final		\$548,527.00
Hawk Ridge Section 1	Sykesville	Completed	Under Construction	\$218,257.00
Robert's Mill	Taneytown	Final		\$144,975.00
Elmer Wolfe	Union Bridge	Conceptual		\$29,970.00
Locust Street	Union Bridge	Conceptual		\$56,246.00
Langdon	Westminster	Final		\$402,190.45
Willow Pond	Westminster	Final		\$194,994.00
Greens of Westminster	Westminster	RFP (due 6/29)		

Total does not include Twin Ridge
and prior tree planting projects

Updated 6/26/18

NOTE: Twin Ridge is not covered under the MOA (Frederick County side of Mt. Airy)

Total	\$4,074,160.39
Awarded Grants	\$7,155,116.46
Pending Grants:	\$2,796,000.00

DRAFT TOWN PROJECT LIST

PROPOSED PROJECTS	IA	APPROX. COST	ACTUAL COST TO CO./TOWN	FUNDING SOURCE	OTHER FUNDING SOURCE	IMP. AC. TREATED
Hampstead						
	62.9					
Tree Planting (Fall 2014)	0.63		\$3,128.10	DNR Grant	\$10,369.04	0.63
Shiloh Middle School	20	\$800,000	\$67,764.00			
Smalls Crossing	11.55	\$640,000	\$431,519.94	DNR Grant	\$300,000.00	11.55
Remaining IA	30.72	\$1,440,000				
Manchester						
	37.67					
Treeplanting (Fall 2014)	1.36		\$6,752.72	DNR Grant	\$23,052.71	1.36
Whispering Valley	25.5	\$810,000	\$88,095.00	DNR Grant	\$375,000.00	
Remaining IA	10.81	\$810,000				
Mt. Airy						
	54.89					
IDA Property	14.44	\$262,500		Participate w/IDA project @ \$25,000/acre		
Prospect Road (Carroll IA)	34.9	\$1,050,000	\$38,902.00			
Merridale Gardens	25.13	\$900,000	\$1,321,162.00	DNR Grant	\$425,000.00	
Remaining IA	-19.58	\$2,212,500				
New Windsor						
	19.47					
Blue Ridge Manor	9.07	\$540,000	\$531,558.00	DNR Grant	\$250,000.00	9.07
Treeplanting (Fall 2015)	0.73		\$4,800.00	DNR Grant	\$11,850.00	0.73
WWT Area	7	\$250,000				
Remaining IA	2.67	\$790,000				
Sykesville						
	33.05					
Shannon Run/Hawks Ridge Section 1	71.99	\$1,240,000	\$766,784.00	DNR Grant	\$600,000.00	25.1
Remaining IA	-38.94	\$1,240,000				

Taneytown		78.35				
Tree Planting (Fall 2014)	5.2		\$25,819.25	DNR Grant	\$89,772.17	5.2
Trevanion Terrace	60.5	\$650,000				
Robert's Mill	87	\$2,275,000	\$144,975.00	DNR Grant/CBT	\$1,075,000.00	
Remaining IA	-74.35	\$2,925,000				
Union Bridge		17.55				
Cherry Branch	3		\$8,500.00	DNR Grant	\$54,522.66	3
Elmer Wolfe	4.6	\$300,000	\$29,970.00			
Locust Street	11	\$240,000	\$56,246.00	DNR Grant	\$100,000.00	
Remaining IA	-1.05	\$540,000				
Westminster		149.03				
Tree Planting (Fall 2015)	2.6		\$13,866.30	Grant	\$33,733.70	2.6
Tree Planting (Fall 2014)	1.58		\$7,845.07	Grant	\$26,875.18	1.58
Langdon (formerly Jantz)	92	\$1,800,000	\$402,190.45	DNR Grant/TAP	\$1,879,941.00	
Willow Pond/Eden Farm	102.3	\$3,200,000	\$194,994.00	DNR Grant	\$1,900,000.00	
Greens of Westminster	15.6	\$400,000				
Total IA	-65.05	\$5,400,000				

Total Cost to Towns **\$15,357,500**

20% Total IA **452.91**

Proposed IA Treated **607.68**

Excess IA Treated **-154.77**

2/27/18 in Design **441.82**

607.68 acres treated or planned to be treated

\$25,272.35/IA based on total cost of project

607.68 acres treated or planned to be treated

\$13,497.87/IA cost not including the grants awarded

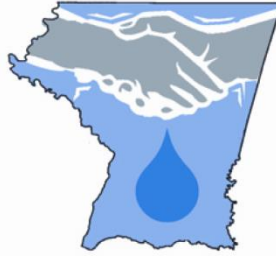
REVISED 6/26/18

\$4,144,871.83 (Spent to date) **\$7,155,116.46** **60.82**

3/26/18 - Changed 20% untreated IA number based on staff analysis of existing BMP's treated for the 2017 Annual Report.

Carroll County Water Resource Coordination Council

Hampstead * Manchester * Mt. Airy * New Windsor
Carroll County Health Department



* Sykesville * Taneytown * Union Bridge * Westminster
Carroll County Government

WRCC Meeting Summary July 25, 2018

Attendees:

Kevin Hann	Jeff Glass	Jo Reznik	Steve Miller
Perry Jones	Janet O'Meara	Jim Wieprecht	Brenda Dinne
Zach Neal	Byron Madigan	John Dick	Glenn Edwards
Larry Bloom	Richard Brace	Dick Swanson	Bonnie Bevard

Opening Statement

The meeting was called to order by Steve Miller at approximately 2:30 p.m. Mr. Miller welcomed Larry Bloom, Street Department Superintendent, City of Westminster and Andrew Watcher, Chief, Bureau of Utilities, Carroll County Department of Public Works.

The June 27, 2018 meeting summary was approved as written on motion of Jim Wieprecht, seconded by Perry Jones and carried.

WRCC Award – Utility of the Future Today – Brenda Dinne

Brenda Dinne informed the Council members that the Carroll County Water Resources Coordinating Council has been selected as a Utility of the Future Today for 2018 and will receive formal recognition at the 91st WEFTEC Conference and Exhibition on October 2, 2018 in New Orleans, LA. Jeff Glass, City of Westminster is attending the conference and will accept the award for the WRCC.

Update on Municipal Projects – Janet O'Meara

Janet O'Meara, Bureau of Resource Management, provided an update on the municipal restoration projects. A copy of that report is attached.

Future Agenda Items

Council members were given a list of future agenda items for upcoming WRCC meetings in 2018 and 2019. Steve Miller asked the members to let him know if they have any suggestions for speakers on any of the topics. Steve also suggested a presentation on the location and operation of SWM emergency spillways to Glenn Edwards.

To serve as the lead intergovernmental agency for water resource planning, development and protection.

MS4 Permit Annual Reporting – Jo Reznik and Glenn Edwards

Jo Reznik presented an overview of the geodatabase.

- What is the geodatabase?
 - It is how the County submits some of the data to MDE for the annual report
- What is the geodatabase made of?
 - Feature classes – spacial/geographic component
 - Tables – (example: inspection records)
 - Relationships between any combination above
- The importance of data provided by the municipalities and towns

Jo continued with a review of the MS4 NPDES Questionnaire components.

- Stormwater Management
- Erosion and Sediment Control
- IDDE
- Litter and Floatables
- Property Management and Maintenance
- Public Education

Glenn discussed the handout - 2018 Status Worksheet Municipal Facilities.

2018 IDDE Summary and Swimming Pool Discharge Guidance – Glenn Edwards

Glenn Edwards presented a summary of the IDDE 2018 program (covers 7/1/2017-6/30/18)

- IDDE Dry Weather Outfall Screenings
 - Reviewed the screening results
 - Included screening locations
- IDDE Visual Surveys
- IDDE Illicit Discharge Response (in Public Education section of the permit)
 - Citizen stormwater pollution hot line
 - Information from county/municipal staff
- MDE Carroll County IDDE Review

Glenn also presented a program on swimming pool/spa discharge.

- What does the NPDES permit say
 - MS4 permit enforcement and penalties
- What does the NPDES 12-SI permit say
- MDE Swimming Pool Owner Guidance – handout to Council members

Other

Brenda Dinne stated that Carroll County is in the process of a website redesign and County employee e-mail addresses will change to @carrollcountymd.gov. beginning August 1, 2018.

Adjournment

The meeting adjourned at 3:35 p.m. The next regular meeting is scheduled for August 22, 2018 at 2:30 p.m. in Room 105 of the County Office Building.

**TOWN
PROJECT STATUS
July 24, 2018**

FUTURE PROJECTS:

Michael's Property (Hampstead) – Contact was made to Dave Bowersox requesting a status update on the project. The Michaels had some concerns with water/sewer issues which need to be work out; however, they were very interested in the project. This project could ultimately treat 102 acres of impervious area in the 349 acre drainage area.

Trevanion Terrace (MDE Bay Restoration FY 20 Grant Pending) (Taneytown) – BRM is working on the RFP for engineering on this retrofit project. The City is in the process of acquiring the parcel and has provided BRM with a copy of a letter regarding the design work.

DESIGN STAGE:

RFP:

CONCEPTUAL:

Elmer Wolfe Elementary (Union Bridge) – Revised concept plan has been submitted for review by BRM staff.

Locust Street (Citizens Energy) (DNR Grant Funds \$100,000.00) – Century Engineering submitted concept plans for review by BRM staff. Approvals are also required from forest conservation, floodplain, Town, and SCD.

Prospect Road (MDE Bay Restoration FY 20 Grant Pending) (Mt. Airy Frederick Co. side and Carroll) – Century should be submitting plan by the end of July relating to sites 2 and 10 along with pre-conceptual engineer cost estimates and a report of their study. Upon receipt of this information, determination will be made as to the direction of the project. The Town of Mt. Airy will be paying for the impervious area associated with the Frederick County side of the project.

Shiloh Middle School (Hampstead) – Change Order was approved relating to the construction of two (2) facilities; a small facility at the pipe outfall and retrofit of the existing facility. MDE is not taking jurisdiction of the work; however, BRM will be working with the Army Corp. to address their needs. Need SCD, Town, and Forest Conservation approval of the plans. BOE is okay with the proposed design change.

The Greens of Westminster Sec. 6, Pond #2 (MDE Bay Restoration FY 20 Grant Pending) (Westminster) – Wallace/Montgomery was awarded the contract for design at \$46,874.50, the pre-construction meeting was held on July 18th. No State/Federal permits will be required for this work and there are approximately 15 acres of untreated impervious acres associated with this project.

PRELIMINARY:

Twin Ridge (Mt. Airy – Frederick County Side) – BRM and the Town are waiting for written comments from MDE; however, additional information has been requested from MDE pertaining to the plans submitted for their review.

Whispering Valley (Manchester) (DNR Grant Funds \$375,000.00) – BRM is currently waiting on the appraisal from Bitzel & Associates and will be scheduling time with two (2) property owners on the use-in-common to get their approval of the design. BRM approved the concept plans for SWM. BRM needs to apply for State/Federal permits for this project.

FINAL:

Langdon Property (City of Westminster) (DNR Grant Funds \$900,000.00 and SHA-TAP Funds \$980,000.00) – BRM will be submitting revised plans to SHA for approval prior to submitting the P. S. & E. packet for approval to go out to bid by the end of July. BRM is working closely with the County Attorney's Office, Maryland Midland, and Jay Gullo relating to hauling and disposal of the excess material.

Robert's Mill (City of Taneytown) (DNR Grant Funds \$1,000,000 and CBT Grant \$75,000) – CLSI submitted final plans to BRM for review and drawings were forwarded to the City as well. Meeting will be scheduled with surrounding property owners early August. City is in the process of acquiring the Parcel E Sarah's Choice Phase 3 which is a SWM facility within the LOD of the project.

Shannon Run/Hawk Ridge Estates (Town of Sykesville) (DNR Grant Funds \$600,000.00) – Shannon – BRM has approved the plans and the plans have been submitted to MDE; however, MDE has some comments which will be sent upon completion of their review. Need NOI and State/Federal permits as well as forest conservation, Town, floodplain, and sediment control approvals.

Willow Ponds (DNR Grant Funds \$1,900,000 and pending TAP Grant Award) – R. K. & K. will be submitting final plans for review by August 1st. Plans will be forwarded to the City, Forestry, SCD, and SWM for review.

CONSTRUCTION STAGE:

READY FOR CONSTRUCTION:

UNDER CONSTRUCTION:

Hawk Ridge (Town of Sykesville) – Stambaugh’s is wrapping up the project and should be completed by the middle of August.

Merridale Gardens/Senior Center (Mt. Airy) (DNR Grant Funds \$425,000.00) – A pre-construction meeting was held on July 10th with Conewago, the Town, and staff from BRM. Conewago anticipates beginning the project by the end of July. All approvals have been obtained from all review agencies. We anticipate this project being completed by the end of the year.

COMPLETED WAITING FOR STABILIZATION:

Blue Ridge Manor (New Windsor) (DNR Grant Funds \$250,000.00) – T. B. & H. is wrapping up removal of a portion of blacktop, stabilization of the area, and replacement of the guardrail as requested by SHA. The facility is stabilized and was issued a Grading Completion Certificate on May 13, 2018.

Small Crossings/Savannah Estates (Hampstead) (DNR Grant Funds \$300,000.00) – This project is completed and was issued a Grading Completion Certificate this week. As-Built was approved for this project.

TREE PLANTING PROJECTS:

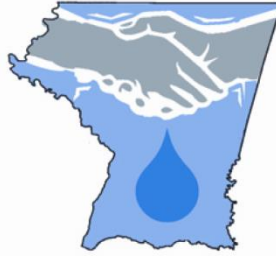
PLANTING PHASE:

City of Westminster – Trees were planted on 7.68 acres owned by the City of Westminster in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$13,866.30. Upon completion of the contractor’s obligation, the City will be responsible for maintenance of the planting.

Town of New Windsor – Trees were planted on 2.2 acres owned by the Town of New Windsor in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$7,618.70. Upon completion of the contractor’s obligation, the Town will be responsible for maintenance of the planting.

Carroll County Water Resource Coordination Council

Hampstead * Manchester * Mt. Airy * New Windsor
Carroll County Health Department



* Sykesville * Taneytown * Union Bridge * Westminster
Carroll County Government

WRCC Meeting Summary September 26, 2018

Attendees:

Kevin Hann	Jeff Glass	Jo Reznik	Steve Miller
Perry Jones	Janet O'Meara	Jim Wieprecht	Brenda Dinne
Zach Neal	Tom Devilbiss	Mike Myers	Glenn Edwards
Derek Shreves	Christy Collins	Gale Engles	Bonnie Bevard
Taylor Hockensmith	Rodney Kuhns	Gary Dye	Kelly Martin
			Mark Onheiser

Opening Statement

The meeting was called to order by Steve Miller at approximately 2:30 p.m. He thanked Tom Devilbiss and Brenda Dinne for their work on topics and speakers for the remaining 2018 and the 2019 WRCC meetings. He stated that in January 2019 we will be revisiting the current MOA between the municipalities and the County in regards to the MS4 permit. Steve welcomed guests Mike Myers, Chief, Bureau of Purchasing and Rodney Kuhns, Department of Public Works.

The July 25, 2018 meeting summary was approved as written on motion of Kevin Hann, seconded by Perry Jones and carried.

Update on Municipal Projects – Gale Engles

Gale Engles, Bureau of Resource Management, provided an update on the municipal restoration projects. A copy of that report is attached.

Gale asked the municipalities to contact her and her group if they have stormwater management ponds that need maintenance. Staff can determine if there is any way of getting at least 1 inch of water quality treatment that could then possibly be counted as credit for the impervious area in the drainage area. Payment could be worked out in the MOU.

Gale also stated that tree plantings will be going off of the contractor's 3 year maintenance period at the end of Fall 2018. The towns will be responsible for mowing at least 3 times a year for 10 years. She shared that the Bureau of Resource Management utilizes term contractors for their mowing, if the towns are interested in being included. This also includes mowing for stormwater ponds.

To serve as the lead intergovernmental agency for water resource planning, development and protection.

Local Solar Projects

Mike Myers presented an overview of 3 County solar projects:

- Hampstead Waste Water Treatment Plant – will produce approximately 2 megawatts of electricity a year
- Carroll Community College – will produce approximately 1 megawatt of electricity a year
- Hoods Mill Landfill – will produce approximately 3 megawatts of electricity a year

He stated that the County has a 20 year contract with about 6 megawatts under contract. The County is hoping to save \$250,000.00 annually against the electric bill. All three sites are enclosed (fenced in).

Christy Collins, Town of Hampstead, presented an overview of the Hampstead solar array contracted with Solar City/Tesla. The solar array went live in June 2017 and has a 20 year term. There are approximately 1,620 panels on 3 acres. She also shared graphs detailing the solar energy costs from 2017 to 2018.

Perry Jones, Mayor, Town of Union Bridge presented an overview of a solar project between Citizens Energy and the Town. Citizens Energy now owns a 200 acre farm adjacent to the Town of Union Bridge that includes 55 acres within the town limits. They are hoping to annex the property into the town limits and sell energy back to Potomac Edison. The town is working towards receiving free energy for the town buildings and sewer plant. He also shared the concept plan.

Municipal Salt Management Plans – Steve Miller

Steve Miller summarized the Town of Manchester's Municipal Salt Management Plan. Prior to the meeting, Brenda Dinne created a template of the document that included instructions on how to make changes to make it applicable for the needs of each municipality. Steve stated that the plan will be a requirement in the next generation permit. He shared that he used the MDOT SHA Salt Management Plan as a guideline when he created Manchester's Plan.

Other

Code Issues of Interest - Brenda Dinne asked the Council members if they had code issues that they would like to see addressed at future meetings. Two ideas were mentioned, swimming pool drainage and yard waste in roads.

Tom Devilbiss updated the Council members on the NPDES MS4 Permit appeal that went before the Court of Appeals on September 16, 2018.

Adjournment

The meeting adjourned at 3:50 p.m. The next regular meeting is scheduled for October 24, 2018 at 2:30 p.m. in Room 105 of the County Office Building.

**TOWN
PROJECT STATUS
September 21, 2018**

FUTURE PROJECTS:

Michael's Property (Hampstead) – Various meetings have been held with the County and Town relating to the water/sewer issues and a meeting will be scheduled with the Michaels to discuss this as well. A meeting was also held with MDE, Army Corp, DNR, Michaels, and County to discuss the future project and permitting requirements. Preliminary results of the meeting were; a wet pond could be a possibility. This project could ultimately treat 102 acres of impervious area in the 349 acre drainage area.

DESIGN STAGE:

RFP:

CONCEPTUAL:

East/West Pond (formerly Prospect Road Mt. Airy, Frederick County Side) (MDE Bay Restoration FY 20 Grant Pending \$1,000,000.00 and applying for CBT – Watershed Assistance Grant on September 27th for engineering) – Met with representatives from the Town on September 20th and the decision was made to move from with Site #2 which is behind the ball fields. This area does not have any County IA; therefore, the Town will be financial responsible for this project. The IA is 58.7 acres and the estimated cost for the project is \$600,000.00. An engineer has not been selected for this project as of this date.

Greens of Westminster Sec. 6, Pond #2 (MDE Bay Restoration FY 20 Grant Pending \$400,000.00) (Westminster) – Wallace Montgomery was awarded the engineering contract in the amount of \$46,874.50 and the concept plan is due into the office the week of September 24th.

Locust Street (Citizens Energy) (Union Bridge) (DNR Grant Funds \$100,000.00) Century Engineering submitted the revised concept plan into BRM for review. This plan includes the on-site disposal area. The only State/Federal permits required will be for floodplain approval. Approvals will be need from forest conservation, SCD, floodplain, and the Town of Union Bridge.

Trevanion Terrace (MDE Bay Restoration FY 20 Grant Pending \$325,000.00) (Taneytown) – BAI has been contracted for the engineering in the amount of \$56,900.00. A kickoff meeting has been scheduled for September 25th with the engineer, City, and BRM staff. City is in the process of acquiring the property.

PRELIMINARY:

Elmer Wolfe (Town of Union Bridge) – BAI submitted revised preliminary plan by review by BRM. We anticipate review being completed by the 1st week of October. BRM needs forest conservation and BOE approval of the plans.

Shiloh Middle School (Town of Hampstead) – Plans are due from RK & K by mid-October. Application has been made for State and Federal Permits and we are waiting to hear if Army Corp. will be regulating this project. We anticipate this project being ready for construction by the end of the year.

Twin Ridge (Mt. Airy – Frederick County Side) – MDE requested that the Town video the existing pipe which has been completed and video has been forwarded to MDE. Meeting has been scheduled for the middle of October with MDE, Town, and BRM to discuss project. BRM will need borings to determine rock at the final stage.

Whispering Valley (Town of Manchester) (DNR Grant Funds \$375,000.00) – RK&K will be performing utility marking and will be forwarding information to CLSI. Property owners signed the license agreements for access to the common driveway and notification has been made to the Lamberts on the appraisal and the request to lose the excess material on site. BRM will be applying for the State and Federal Permits and rocks borings will be performed at the final plan stage.

FINAL:

Langdon Property (City of Westminster) (DNR Grant Funds \$900,000 and SHA TAP Fund \$980,000) – Received comments from SHA which were not major and staff will follow up on responding. Revised plans will be sent to the agencies at SHA that had comments and once approved the P. S. & E. Package will be sent to SHA for their approval to go out to bid. BRM is working with Maryland Midland on the agreements relating to hauling material by rail.

Robert's Mill (City of Taneytown) (DNR Grant Funds \$1,000,000 and CBT Grant \$75,000) – CLSI to submit revised plans the week of September 24th. BRM will be scheduling a citizens meeting with the community to discuss the plans. The City determined that they wanted a pre-cast bridge deck for the bridge. The City will be paying for the construction associated with this work; however, it will be include on our RFP for construction.

Willow Ponds (City of Westminster) (DNR Grant Funds \$1,900,000 and pending TAP Grant Awards) – Staff met with Army Corp. employee to discuss the comments and are working with RK & K on response. Revised plans are due into the office by the end of September. RK & K will be looking to maximum the nutrient credits for this project by taking a closer look at Protocols 1-4.

CONSTRUCTION STAGE:

READY FOR CONSTRUCTION:

Shannon Run (Town of Sykesville) (DNR Grant Funds \$600,000.00) – Plans received approval from MDE Dam Safety; therefore, the plans are ready to proceed through the bid process. BRM will be working with Purchasing on getting this information together and anticipate the project will be out to bid by the end of September. All State/Federal permits have been received for this project.

UNDER CONSTRUCTION:

Merridale Gardens/Senior Center (Mt. Airy) (DNR Grant Funds \$425,000.00) – Conewago started work the end of August and has completed the sewer line replacement, installation of a storm drain pipe below the embankment, and are starting on excavation in preparation of the weir wall installation.

COMPLETED WAITING FOR STABILIZATION:

Hawk Ridge (Town of Sykesville) – A small portion of the site will need to be over seeded; however, the construction on the site has been completed.

TREE PLANTING PROJECTS:

PLANTING PHASE:

City of Westminster – Trees were planted on 7.68 acres owned by the City of Westminster in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$13,866.30. Upon completion of the contractor's obligation, the City will be responsible for maintenance of the planting.

Town of New Windsor – Trees were planted on 2.2 acres owned by the Town of New Windsor in November 2015. The County will fund the three (3) year maintenance ending in the fall of 2018 for \$7,618.70. Upon completion of the contractor's obligation, the Town will be responsible for maintenance of the planting.

PROPOSED TOWN PROJECTS

PROJECT NAME	CITY/TOWN	ENGINEERING STATUS	CONSTRUCTION STATUS	EMCUMBERED TO DATE
Twin Ridge	Mt. Airy	Preliminary		\$82,349.00
East/West Pond (Prospect Rd.)	Mt. Airy	Conceptual		\$38,902.00
Merridale Gardens	Mt. Airy	Completed	Under Construction	\$1,331,789.72
Shiloh Middle School	Hampstead	Preliminary		\$109,616.00
Small Crossing	Hampstead	Completed	Completed	\$431,519.94
Hampstead Regional (Michaels)	Hampstead	Discussion Stages		
Whispering Valley Phase 4	Manchester	Preliminary		\$91,695.00
Blue Ridge Manor	New Windsor	Completed	Completed	\$531,558.00
New Windsor Railroad Wetland	New Windsor	Preliminary Conceptual (BRM)		
Shannon Run	Sykesville	Completed	RFP (out for bid)	\$572,102.00
Hawk Ridge Section 1	Sykesville	Completed	Under Construction	\$223,719.00
Robert's Mill	Taneytown	Final		\$144,975.00
Trevanion Terrace	Taneytown	Conceptual		\$56,900.00
Elmer Wolfe	Union Bridge	Preliminary		\$29,970.00
Locust Street	Union Bridge	Conceptual		\$64,877.00
Langdon	Westminster	Final		\$407,280.45
Willow Pond	Westminster	Final		\$194,994.00
Greens of Westminster	Westminster	Conceptual		\$46,874.50

Total does not include Twin Ridge
and prior tree planting projects

Updated 9/25/18

NOTE: Twin Ridge is not covered under the MOA (Frederick County side of Mt. Airy)

Total	\$4,276,772.61
Awarded Grants	\$7,155,116.46
Pending Grants:	\$2,796,000.00

DRAFT TOWN PROJECT LIST

PROPOSED PROJECTS	IA	APPROX. COST	ACTUAL COST TO CO./TOWN	FUNDING SOURCE	OTHER FUNDING SOURCE	IMP. AC. TREATED
Hampstead						
	62.9					
Tree Planting (Fall 2014)	0.63		\$3,128.10	DNR Grant	\$10,369.04	0.63
Shiloh Middle School	23.05	\$800,000	\$109,616.00			
Hampstead Regional Pond	116.88	\$1,000,000				
Smalls Crossing	11.55	\$640,000	\$431,519.94	DNR Grant	\$300,000.00	11.55
Remaining IA	-100.76	\$2,440,000				
Manchester						
	37.67					
Treeplanting (Fall 2014)	1.36		\$6,752.72	DNR Grant	\$23,052.71	1.36
Whispering Valley	25.5	\$810,000	\$91,695.00	DNR Grant	\$375,000.00	
Remaining IA	10.81	\$810,000				
Mt. Airy						
	54.89					
IDA Property	14.44	\$262,500		Participate w/IDA project @ \$25,000/acre		
Merridale Gardens	25.13	\$900,000	\$1,331,789.72	DNR Grant	\$425,000.00	
Remaining IA	15.32	\$1,162,500				
New Windsor						
	19.47					
Blue Ridge Manor	11.25	\$540,000	\$531,558.00	DNR Grant	\$250,000.00	9.07
Treeplanting (Fall 2015)	0.73		\$4,800.00	DNR Grant	\$11,850.00	0.73
New Windsor Railroad Wetland	17	\$790,000				
Remaining IA	-9.51	\$1,330,000				
Sykesville						
	33.05					
Shannon Run/Hawks Ridge Section 1	71.99	\$2,000,000	\$795,821.00	DNR Grant	\$600,000.00	25.1
Remaining IA	-38.94	\$2,000,000				

Taneytown		78.35				
Tree Planting (Fall 2014)	5.2		\$25,819.25	DNR Grant	\$89,772.17	5.2
Trevanion Terrace	52	\$650,000	\$56,900.00			
Robert's Mill	87	\$2,275,000	\$144,975.00	DNR Grant/CBT	\$1,075,000.00	
Remaining IA	-65.85	\$2,925,000				
Union Bridge		17.55				
Cherry Branch	3		\$8,500.00	DNR Grant	\$54,522.66	3
Elmer Wolfe	4.79	\$300,000	\$29,970.00			
Locust Street	11	\$550,000	\$56,246.00	DNR Grant	\$100,000.00	
Remaining IA	-1.24	\$850,000				
Westminster		149.03				
Tree Planting (Fall 2015)	2.6		\$13,866.30	Grant	\$33,733.70	2.6
Tree Planting (Fall 2014)	1.58		\$7,845.07	Grant	\$26,875.18	1.58
Langdon (formerly Jantz)	92.1	\$3,500,000	\$407,280.45	DNR Grant/TAP	\$1,879,941.00	
Willow Pond/Eden Farm	100	\$3,200,000	\$194,994.00	DNR Grant	\$1,900,000.00	
Greens of Westminster	21.54	\$400,000	\$46,874.50			
Total IA	-68.79	\$7,100,000				

Total Cost to Towns **\$18,617,500**

20% Total IA **452.91**

Proposed IA Treated **711.87**

Excess IA Treated **-258.96**

2/27/18 in Design **441.82**

\$4,299,951.05 (Spent to date) **\$7,155,116.46** **60.82**

607.68 acres treated or planned to be treated

\$26,152.95/IA based on total cost of project

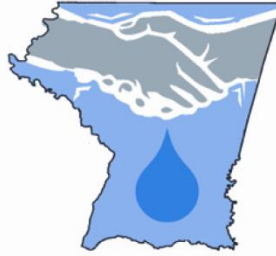
\$16,101.79/IA cost not including the grants awarded

REVISED 9/26/18

3/26/18 - Changed 20% untreated IA number based on staff analysis of existing BMP's treated for the 2017 Annual Report.

Carroll County Water Resource Coordination Council

Hampstead * Manchester * Mt. Airy * New Windsor
Carroll County Health Department



* Sykesville * Taneytown * Union Bridge * Westminster
Carroll County Government

WRCC Meeting Summary October 24, 2018

Attendees:

Kevin Hann	Jeff Glass	Dick Swanson	Steve Miller
Perry Jones	Janet O'Meara	Jim Wieprecht	Brenda Dinne
Zach Neal	Tom Devilbiss	John Dick	Glenn Edwards
Derek Shreves	Greg Busch	Gale Engles	Bonnie Bevard
Byron Madigan	Richard Brace	Gary Dye	Kelly Martin
			Gale Engles

Opening Statement

The meeting was called to order by Steve Miller at approximately 2:30 p.m. Steve reminded the members that they should have a primary member and an alternate with voting power attend the WRCC meetings. After the first of the year, the MOU between the County and the municipalities regarding stormwater management will be revisited. He is still looking for a volunteer from the WRCC to serve as liaison to the Utility Advisory Commission. Steve informed the committee about the NPDES Annual Training Stormwater Pollution Prevention Workshop scheduled for November 2nd at the Carroll County Public Safety Training Center. Glenn Edwards gave a brief review of the agenda for that event.

The September 26, 2018 meeting summary was approved as written on motion of Perry Jones, seconded by Jeff Glass and carried.

New Bay TMDL Planning Targets – Greg Busch – Maryland Department of the Environment (MDE)

Greg Busch of MDE made a presentation entitled Building a Phase III WIP for Wastewater, Stormwater & Septic Systems to the committee. He stated that regional meetings will be starting in the middle of November. He explained the breakdown of 2017 nitrogen contributions to the bay: agriculture is 42%, wastewater is 20%, stormwater is 17%, septic systems are 6%, and natural sources are 15%. He shared graphs for each sector (wastewater, stormwater, and septic systems) detailing how discharges to the bay have decreased from the 1980's to the present, and the reasons for the decline related to the WIP goals. He concluded with the Phase III WIP Schedule.

To serve as the lead intergovernmental agency for water resource planning, development and protection.

Proposed Changes to Carroll County Code Chapters 151, 152, & 154 – Gale Engles

Gale outlined proposed changes to the Carroll County Code chapters 151, 152, and 154. These changes will be presented to the Commissioner's during Open Session on November 8th with a request to go to public hearing. Gale stated that copies of the documents outlining the proposed changes that will be given to the Commissioners will be forwarded to all of the towns and municipalities for their review.

Update on Municipal MS4 Projects – Gale Engles

Gale stated that Merridale Gardens in Mount Airy is moving along very well. The weir wall is being constructed and she is pleased with the work from the contractor, Conowago. Resource Management will be going before the Commissioners in early November to request an award for the Shannon Run stormwater management facility construction. Roberts Mill will be going out for advertising for bids in mid-November. Locust Street may be going out for bids in March 2019. Gale said that they are way ahead in the town projects.

WEFTEC – Update on Utility of the Future Today Ceremony – Jeff Glass

Jeff Glass attended the Utility of the Future Today Ceremony on October 2, 2018 in New Orleans, LA and accepted an award on behalf of the WRCC. There were 32 entities across the United States in addition to the WRCC that received awards. He received a flag and a certificate for the committee.

Steve Miller informed all the members that this award will be highlighted during Positively Carroll time at the Commissioner's open session on October 25th. He asked members to attend if possible.

Tom Devilbiss announced that the WRCC has been in existence for ten years and thanked the members for all of their work and accomplishments over that time. Steve Miller thanked County staff for all of their assistance to the towns and municipalities.

Other

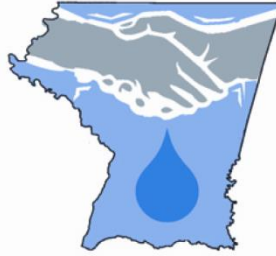
Brenda Dinne handed out a tentative list of agenda items through April 2019.

Adjournment

The meeting adjourned at 4:05 p.m. The next regular meeting is scheduled for November 28, 2018 at 2:30 p.m. in Room 105 of the County Office Building.

Carroll County Water Resource Coordination Council

Hampstead * Manchester * Mt. Airy * New Windsor
Carroll County Health Department



* Sykesville * Taneytown * Union Bridge * Westminster
Carroll County Government

WRCC Meeting Summary November 28, 2018

Attendees:

Kevin Hann	Jeff Glass	Dick Swanson	Steve Miller
Perry Jones	Janet O'Meara	Jim Wieprecht	Brenda Dinne
Zach Neal	Tom Devilbiss	Jo Reznik	Glenn Edwards
Derek Shreves	Rodney Kuhns	Gale Engles	Bonnie Bevard
Delbert Green	Richard Brace	Gary Dye	Kelly Martin
Mark Leister	Cory Stouffer	Tammi Ledley	Heidi Bonnaffon
Mike Zechman	Kevin Smeak	Jason Green	Cynthia Finley

Opening Statement

The meeting was called to order by Chair, Steve Miller at approximately 2:30 p.m. Steve welcomed guests Heidi Bonnaffon and Cynthia Finley and asked all present to introduce themselves.

The October 24, 2018 meeting summary was approved as written on motion of Jim Wieprecht, seconded by Perry Jones and carried.

Flushable Wipes & Other Items That Clog the WWT Process & Possible Solutions – Heidi Bonnaffon, WMCOG and Cynthia Finley, NACWA

Cynthia Finley, Director, Regulatory Affairs, National Association of Clean Water Agencies (NACWA) gave a presentation entitled “Wipes – To Flush, or Not to Flush?”. NACWA is a national trade association for public wastewater and stormwater utilities. They represent over 300 public utilities of all sizes from around the country. Cynthia detailed how the flushing of wipes causes major problems in sanitary sewer systems. She outlined three potential solutions to this problem: 1) clear labeling of non-flushable products, 2) the creation of flushable products that are safe for sewer systems, and 3) consumer education. She continued with explaining what is being accomplished in all three areas.

Heidi Bonnaffon, Environmental Planner, Metropolitan Washington Council of Governments (COG's) gave a presentation entitled “COG's Initiatives to Protect Wastewater Infrastructure from Clogging Culprits”. COG brings area leaders together to address major regional issues in the District of Columbia, suburban Maryland and Northern Virginia. Its membership is comprised of 300 elected officials from 24 local governments, the Maryland and Virginia state

To serve as the lead intergovernmental agency for water resource planning, development and protection.

legislatures, and U.S. Congress. She explained the status of local and state wipes legislation. She further detailed COG's Protect your Pipes Campaign which is designed to educate the public on the major culprits of damage to sewer systems and the environment.

Update on Municipal MS4 Projects – Gale Engles

Gale Engles, Bureau of Resource Management, provided an update on the municipal restoration projects. A copy of that report is attached.

Best Management Practice – Material Storage – Salt Piles – Glenn Edwards

Glenn Edwards shared a handout with the board members on Stormwater Pollution Prevention Best Management Practice (BMP) for Material Storage: Salt Piles. He stated that part of the MS4 permit is performing visual surveys of commercial and industrial properties. The towns and municipalities may be able to share this information with property management companies that store salt piles on shopping area parking lots, etc.

Other

Tom Devilbiss distributed a draft copy of the 2018 NPDES annual report to each of the towns and municipalities. He asked them to review the draft and report back to Bonnie Bevard with any corrections or changes by December 7, 2018.

Steve Miller announced that Rodney Kuhns, Director Public Works, Town of Manchester has agreed to be the liaison from the WRCC to the Utilities Advisory Committee. Steve asked for a motion to approve Mr. Kuhns. Perry Jones moved to approve Rodney Kuhns as the liaison to the Utilities Advisory Committee. The motion was seconded by Dick Swanson, and carried.

Steve welcomed any Public Works employees to attend future WRCC meetings.

Adjournment

The meeting adjourned at 3:55 p.m. The next regular meeting is scheduled for December 19, 2018 at 2:30 p.m. in Room 003 of the County Office Building.

**TOWN
PROJECT STATUS
November 28, 2018**

FUTURE PROJECTS:

Michael's Property (Hampstead) – The Department of Planning is performing an analysis on the usage rate and when the numbers are available a meeting will be held with the Town, County, and property owners to discuss possible availability. This project could ultimately treat 102 acres of impervious area in the 349 acre drainage area.

DESIGN STAGE:

RFP:

CONCEPTUAL:

East/West Pond (formerly Prospect Road Mt. Airy, Frederick County Side) (MDE Bay Restoration FY 20 Grant Pending \$1,000,000.00 and applying for CBT – Watershed Assistance Grant on September 27th for engineering) – The impervious acreage is estimated to be 58.7 acres which is all in the Town of Mt. Airy. Century Engineering estimated the cost for construction of the project to be approximately \$600,000.00 and provided a proposal to perform the engineering for the project. We are currently waiting to receive notification relating to the CBT grant prior to proceeding with design.

Greens of Westminster Sec. 6, Pond #2 (MDE Bay Restoration FY 20 Grant Pending \$400,000.00) (Westminster) – The revised concept plans have been submitted to BRM for review. Plans need to be sent to the City of Westminster, SCD, and an exemption request submitted to forest conservation. A community meeting is being scheduled by BRM staff.

Trevanion Terrace (MDE Bay Restoration FY 20 Grant Pending \$325,000.00) (Taneytown) – BAI will be completing the survey since the Fairtown SWM pond has been cleared and submitting the concept plan in the next few weeks. BRM staff will be scheduling a community meeting.

PRELIMINARY:

Elmer Wolfe (Town of Union Bridge) – The preliminary plans have been approved by SWM and final plans have been submitted for review. We anticipate this project going out to bid to our term contractors in January of 2019. Approvals are needed from forest conservation, SCD, BOE, and the Town when final plans are submitted.

Locust Street (Citizens Energy) (Union Bridge) (DNR Grant Funds \$100,000.00)

The concept plans have been approved by SWM. Approvals will be needed from forest conservation, SCD, floodplain, and the Town of Union Bridge. BRM staff will need to submit application to MDE and the Army for State/Federal Permits for this project (possibly on approval for floodplain). Contact has been made to Citizens Energy regarding the on-site disposal area and the storm drain running along Locust Street. The BRM staff will be meeting with Mayor Jones today to discuss the project. A community meeting is being scheduled by BRM staff.

Shiloh Middle School (Town of Hampstead) – Plans are due from RK & K by mid-December. We are still awaiting information from Army Corp. on the permits. BRM staff will be scheduling a community meeting. To date BOE is on board with the design.

Twin Ridge (Mt. Airy – Frederick County Side) – A meeting was held in October with MDE, the Town, and County to discuss the project. Information was sent to MDE relating to the video of the existing pipe and we are still awaiting their determination on how to proceed with the project relating to notification of the adjoining property owners.

Whispering Valley (Town of Manchester) (DNR Grant Funds \$375,000.00) – CLSI is working on revised preliminary plans which should be submitted in December. Contact has been made to the Lamberts regarding the purchase of the property and we are awaiting a response from them on how to proceed. The Lamberts approved the disposal of the excess materials on site; therefore, offsite hauling will not be necessary at this time. BRM will be applying for the State and Federal Permits and rock borings will be performed at the final plan stage.

FINAL:

Langdon Property (City of Westminster) (DNR Grant Funds \$900,000 and SHA TAP Fund \$980,000) – Revised plans will be sent to the agencies at SHA that had comments this week and once approved the P. S. & E. Package will be sent to SHA for their approval to go out to bid. BRM is working with Maryland Midland on the agreements relating to hauling material by rail. BRM staff is working with the Gullos and Hooper along Route 31 as a potential disposal site for the remaining material after the lagoon has been filled at the waste water treatment plant in New Windsor. We anticipate construction beginning on this project in the summer of 2019.

Robert's Mill (City of Taneytown) (DNR Grant Funds \$1,000,000 and CBT Grant \$75,000) – Final plans have been submitted by CLSI to BRM for review with copies forwarded to the City upon receipt. Community meeting was held in October. BRM staff will follow up on the status of the State/Federal Permits and on scheduling meetings with the two (2) neighboring property owners to discuss temporary construction easements. The City determined that they wanted a pre-cast bridge deck for the bridge. The City will be paying for the construction associated with this work; however, it will be included in our RFP for construction.

Willow Ponds (City of Westminster) (DNR Grant Funds \$1,900,000 and pending TAP Grant Awards) – BRM is waiting for a Change Order from R.K. & K. for design which will need BCC approval. Change order includes work associated with maximizing the nutrient credits for this project by taking a closer look at Protocols 1-4 of the Recommendations from the Expert Panel.

CONSTRUCTION STAGE:

READY FOR CONSTRUCTION:

Shannon Run (Town of Sykesville) (DNR Grant Funds \$600,000.00) – Contract has been awarded to W. F. DeLauder & Sons for construction of Shannon Run in the amount of \$938,511.41. BRM is scheduling a pre-construction meeting with the company and we anticipate work beginning within the next several of weeks. Grading permit information has been sent to the Town of signature.

UNDER CONSTRUCTION:

Merridale Gardens/Senior Center (Mt. Airy) (DNR Grant Funds \$425,000.00) – Conewago continues to work on the project with water line replacements, storm drain installation, and blasting which will begin shortly for the construction of the retaining wall.

COMPLETED WAITING FOR STABILIZATION:

Hawk Ridge (Town of Sykesville) – Construction work has been completed; however, landscape installation will occur in the Spring of 2019.

TREE PLANTING PROJECTS:

All of the municipal plantings have completed their maintenance period and are now the responsibility of the municipalities. Please make sure that these areas are being mowed at least three (3)

DRAFT TOWN PROJECT LIST

PROPOSED PROJECTS	IA	APPROX. COST	ACTUAL COST TO CO./TOWN	FUNDING SOURCE	OTHER FUNDING SOURCE	IMP. AC. TREATED
Hampstead	62.9					
Tree Planting (Fall 2014)	0.63		\$3,128.10	DNR Grant	\$10,369.04	0.63
Shiloh Middle School	23.05	\$800,000	\$109,616.00			
Hampstead Regional Pond	116.88	\$1,000,000				
Smalls Crossing	11.55	\$640,000	\$431,519.94	DNR Grant	\$300,000.00	11.55
Remaining IA	-100.76	\$2,440,000				
Manchester	37.67					
Treeplanting (Fall 2014)	1.36		\$6,752.72	DNR Grant	\$23,052.71	1.36
Whispering Valley	25.5	\$810,000	\$91,695.00	DNR Grant	\$375,000.00	
Remaining IA	10.81	\$810,000				
Mt. Airy	54.89					
IDA Property	14.44	\$262,500		Participate w/IDA project @ \$25,000/acre		
Merridale Gardens	25.13	\$900,000	\$1,331,789.72	DNR Grant	\$425,000.00	
Remaining IA	15.32	\$1,162,500				
New Windsor	19.47					
Blue Ridge Manor	11.25	\$540,000	\$531,558.00	DNR Grant	\$250,000.00	9.07
Treeplanting (Fall 2015)	0.73		\$4,800.00	DNR Grant	\$11,850.00	0.73
New Windsor Railroad Wetland	17	\$790,000				
Remaining IA	-9.51	\$1,330,000				
Sykesville	33.05					
Shannon Run/Hawks Ridge Section 1	71.99	\$2,000,000	\$1,738,165.41	DNR Grant	\$600,000.00	25.1
Remaining IA	-38.94	\$2,000,000				

Taneytown		78.35				
Tree Planting (Fall 2014)	5.2		\$25,819.25	DNR Grant	\$89,772.17	5.2
Trevanion Terrace	52	\$650,000	\$71,496.00			
Robert's Mill	87	\$2,275,000	\$144,975.00	DNR Grant/CBT	\$1,075,000.00	
Remaining IA	-65.85	\$2,925,000				
Union Bridge		17.55				
Cherry Branch	3		\$8,500.00	DNR Grant	\$54,522.66	3
Elmer Wolfe	4.79	\$300,000	\$29,970.00			
Locust Street	11	\$550,000	\$64,877.00	DNR Grant	\$100,000.00	
Remaining IA	-1.24	\$850,000				
Westminster		149.03				
Tree Planting (Fall 2015)	2.6		\$13,866.30	Grant	\$33,733.70	2.6
Tree Planting (Fall 2014)	1.58		\$7,845.07	Grant	\$26,875.18	1.58
Langdon (formerly Jantz)	92.1	\$3,500,000	\$407,280.45	DNR Grant/TAP	\$1,879,941.00	
Willow Pond/Eden Farm	100	\$3,200,000	\$194,994.00	DNR Grant	\$1,900,000.00	
Greens of Westminster	21.54	\$400,000	\$46,874.50			
Total IA	-68.79	\$7,100,000				

Total Cost to Towns **\$18,617,500**

20% Total IA **452.91**

Proposed IA Treated **711.87**

Excess IA Treated **-258.96**

2/27/18 in Design **441.82**

\$5,265,522.46 (Spent to date) **\$7,155,116.46** **60.82**

Does Not Include Mt. Airy Projects

607.68 acres treated or planned to be treated

\$26,152.95/IA based on total cost of project

\$16,101.79/IA cost not including the grants awarded

REVISED 11/28/18

3/26/18 - Changed 20% untreated IA number based on staff analysis of existing BMP's treated for the 2017 Annual Report.

PROPOSED TOWN PROJECTS

PROJECT NAME	CITY/TOWN	ENGINEERING STATUS	CONSTRUCTION STATUS	EMCUMBERED TO DATE
Twin Ridge	Mt. Airy	Preliminary		\$82,349.00
East/West Pond (Prospect Rd.)	Mt. Airy	Conceptual		\$38,902.00
Merridale Gardens	Mt. Airy	Completed	Under Construction	\$1,331,789.72
Shiloh Middle School	Hampstead	Preliminary		\$109,616.00
Small Crossing	Hampstead	Completed	Completed	\$431,519.94
Hampstead Regional (Michaels)	Hampstead	Discussion Stages		\$12,750.00
Whispering Valley Phase 4	Manchester	Preliminary		\$91,695.00
Blue Ridge Manor	New Windsor	Completed	Completed	\$531,558.00
New Windsor Railroad Wetland	New Windsor	Preliminary Conceptual (BRM)		
Shannon Run	Sykesville	Completed	Ready for Construction	\$1,514,446.41
Hawk Ridge Section 1	Sykesville	Completed	Completed	\$223,719.00
Robert's Mill	Taneytown	Final		\$144,975.00
Trevanion Terrace	Taneytown	Conceptual		\$71,496.00
Elmer Wolfe	Union Bridge	Preliminary		\$29,970.00
Locust Street	Union Bridge	Conceptual		\$64,877.00
Langdon	Westminster	Final		\$407,280.45
Willow Pond	Westminster	Final		\$194,994.00
Greens of Westminster	Westminster	Conceptual		\$46,874.50

Total does not include Twin Ridge
and prior tree planting projects

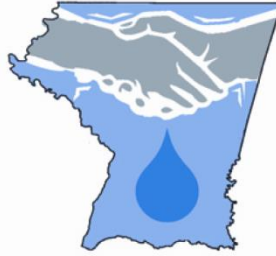
Updated 11/28/18

NOTE: Twin Ridge is not covered under the MOA (Frederick County side of Mt. Airy)

Total	\$5,246,463.02
Awarded Grants	\$7,155,116.46
Pending Grants:	\$2,796,000.00

Carroll County Water Resource Coordination Council

Hampstead * Manchester * Mt. Airy * New Windsor
Carroll County Health Department



* Sykesville * Taneytown * Union Bridge * Westminster
Carroll County Government

WRCC Meeting Summary December 19, 2018

Attendees:

Perry Jones	Janet O'Meara	Jim Wieprecht	Steve Miller
Zach Neal	Tom Devilbiss	Jo Reznik	Brenda Dinne
Derek Shreves	Rodney Kuhns	Gale Engles	Glenn Edwards
Dick Swanson	Byron Madigan	Andrew Watcher	Bonnie Bevard
			Kelly Martin
			Mary Kowalski

Opening Statement

The meeting was called to order by Chair, Steve Miller at approximately 2:30 p.m. Steve spoke about the next monthly Maryland Municipal League meeting taking place in New Windsor in March. He asked Tom Devilbiss to give a 10-15 minute talk regarding the WRCC and also the coordination work that the County and the towns have done together for stormwater management projects.

Vice Chair, Jim Wieprecht thanked County staff for the 2018 NPDES annual training that took place in November at the Carroll County Public Safety Training Center.

The November 28, 2018 meeting summary was approved as written on motion of Perry Jones, seconded by Dick Swanson and carried.

Update on Municipal Projects – Gale Engles

Gale updated the council members on projects that have had a change in status since the last meeting.

The East West pond in Mt. Airy - will go out to rebid to term contractors.

The Greens of Westminster - a concept plan approval was issued. Bay Restoration funding has been applied for.

Locust Street in Union Bridge - a concept plan approval has been issued.

Trevanion Terrace in Taneytown – Resource Management is waiting for the 1st submission on the plan from BAI.

Elmer Wolfe in Union Bridge – Resource Management issued preliminary plan approval.

Shiloh Middle in Hampstead– Resource Management is anticipating the 2nd submission of the preliminary plan.

To serve as the lead intergovernmental agency for water resource planning, development and protection.

Twin Ridge in Mount Airy – Resource Management will be scheduling a meeting with neighboring property owners to discuss the project.

Whispering Valley in Manchester - under review.

Langdon in Westminster - Resource Management was able to submit the revised plans to SHA addressing approval from one of the agencies the plan was submitted to. It is close to going out to bid.

Robert's Mill in Taneytown - a plan has been approved. Will meet with property owners in Taneytown, and will probably go out for construction bids for the pond as well as the bridge in January.

Willow Pond in Westminster - will be going to the Commissioner's for scope amendment.

Shannon Run in Sykesville – Resource Management had the pre-construction meeting with W. F. DeLauter & Sons, Inc. and will be moving forward in mid-February due to weather.

Merridale in Mount Airy - everything has been stabilized. Storm drain pipe work is almost finished. The next phase will be the retaining wall and excavating for the facility itself.

Hawk Ridge in Sykesville - is wrapping up with as-built approval.

Water Monitoring 101 – Byron Madigan, Resource Management

Byron Madigan discussed the Discharge Characterization; section IV F of the NPDES MS4 permit, under Assessments and Controls. This component under the permit requires various monitoring efforts in order to evaluate the efficiency of stormwater management. Byron reviewed monitoring requirements to include chemical monitoring, biological monitoring, and physical/geomorphic monitoring. He concluded with MDE's proposed monitoring for the next generation permit.

Central MD Phase III WIP Workshop Overview – Brenda Dinne

Brenda Dinne distributed a synopsis of the Phase III WIP Regional Meeting held November 27, 2018. She detailed the Background and State WIP, the Draft County and Sector Information: Agriculture, County Inventory/Feedback, County Breakout Sessions, and the Next Steps. She also handed out a diagram showing the Phase III WIP Process.

Other

Steve Miller complimented County staff on the 2018 NPDES MS4 Discharge Permit annual report. A handout was distributed to the Council members of the 2019 meeting dates of the WRCC.

Andrew Watcher, Chief, Bureau of Utilities, reported that the Hampstead Waste Water Treatment Plant upgrade contract was awarded to Conewago.

Adjournment

The meeting adjourned at 3:30 p.m. The next regular meeting is scheduled for January 23, 2019 in Room 003 of the County Office Building.