



Carroll County Environmental Advisory Council

225 N Center Street
Westminster, MD 21157-5194
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Josh Hatkin, Chair
Sandra Zebal, Vice Chair

Brenda Dinne, Staff Liaison
Department of Land Use,
Planning and Development

Meeting Summary for January 21, 2015

Members

Josh Hatkin, Chair - Absent
Sandy Zebal
Melvin Baile - Absent
Ellen Cutsail - Absent
David Hynes - Absent
Karen Leatherwood
Kim Petry
George Schooley - Absent
Frank Vleck - Absent

County Government

Brenda Dinne, Special Projects Coordinator /
EAC Staff Liaison
Jennifer Quick, Recording Secretary
Glenn Edwards, NPDES Compliance Specialist

Other Attendees

None

1. CALL TO ORDER –

Ms. Zebal, Vice Chair, officially called the January 21, 2015, meeting to order at 3:06 p.m. in the Reagan Room (003) of the County Office Building. It was noted that several members were not in attendance due to the inclement weather conditions.

2. CERTIFICATE OF APPRECIATION FOR KIM PETRY'S SERVICE –

Mr. Phil Hager presented Ms. Petry with a certificate of appreciation for her eight years of service on the Carroll County Environmental Advisory Council.

3. PUBLIC COMMENTS AND CONCERNS –

No public comments were offered. No members of the public were in attendance.

4. APPROVAL OF MEETING MINUTES –

Approval of the December meeting minutes was postponed until the February meeting since a quorum was not present.

5. CHAIR AND COMMITTEE REPORTS –

a. Solar Energy Subcommittee:

Ms. Dinne said that, as far as she is aware, this committee still has not yet met. Ms. Petry indicated that, since her term ends on February 1, another member of the Solar Energy

Subcommittee would have to volunteer to sit on this committee in her place if the meetings ever get underway.

b. Solid Waste Subcommittee:

Ms. Leatherwood said Governor O'Malley issued an executive order to have set goals to move toward zero waste, including a goal to recycle 85 percent of the waste stream and compost 65% by the year 2030. Ms. Leatherwood volunteered to provide a summary of the State's newly adopted Zero Waste Plan to the EAC at a future meeting

c. Energy Use & Cost Savings Subcommittee:

Ms. Dinne stated that Mike Whitson is not yet ready to present recommendations to the EAC for feedback. She will continue to check in with him on when he would like to present to the Council.

6. TREE COMMISSION –

Nothing to report.

7. STAFF LIASION REPORT –

The EAC members present agreed to postpone Mr. Edwards' presentation regarding NPDES and the Business Community until the February meeting so that more members would benefit from the information.

Ms. Dinne reminded the EAC members that the annual joint meeting with the Board of County Commissioners will be held on February 19, 2015 at 1:30 p.m. Ms. Dinne thought it would be nice to give the opportunity for several EAC members to present a portion of the agenda. Ms. Dinne offered to put together talking points to guide whoever is speaking. She will send out the talking points with suggestions for who might speak for each of the noted sections. The agenda will include an overview of the 2014 Annual Report and a brief summary and discussion of the Proposed 2015 Work Plan.

Ms. Dinne also reminded members that the financial disclosure forms are due to the Ethics Commission office by January 30, 2015.

She indicated that the Commissioners are aware of the vacancy on the Environmental Advisory Council that will be left by Ms. Petry. She will advise if she receives word of an appointment.

8. OLD BUSINESS –

a. None

9. NEW BUSINESS –

a. 2015 Environmental Stewardship Booklet

Ms. Dinne has made all the updates. Ms. Dinne will have copies of the booklet available for meeting with the Board of County Commissioners

b. Business Community MS4 Workshop

We will plan to hold the workshop on a weeknight in September. Attendance should be better than if it was held in the summer. Ms. Dinne identified subcommittees for the workshop and asked for volunteers for each committee. Mr. Baile previously volunteered for the Registration Committee.

- Ms. Leatherwood agreed to be the emcee.

- Ms. Dinne and Ms. Quick will take care of identifying and reserving a facility. The Facilities Committee members will visit the facility ahead of time to determine layout and will coordinate set up and take down of the room for the workshop.
- The Refreshments Committee will be responsible for soliciting someone to either donate refreshments or sponsor them. In return, the business would be recognized in the workshop materials. Ms. Leatherwood will talk to Legacy Contracting about sponsoring the refreshments. If not interested, she will look elsewhere. Mr. Edwards has some business contacts that may be willing to donate something. This will also help with the business' image. Glenn will make initial contact and then he will contact Ms. Leatherwood with his findings.
- The Registration and Materials Committee would be responsible for putting together the materials packets (materials provided by staff) and taking care of the registration table at the workshop.
- Ms. Zebal indicated that she did not have a preference and would serve on whichever committee she was needed.

c. Overview: NPDES & the Business Community

The EAC members present agreed to postpone Mr. Edwards' presentation regarding NPDES and the Business Community until the February meeting so that more members would benefit from the information.

10. OTHER –

No other items were discussed.

11. ADJOURN REGULAR MEETING –

ADJOURNMENT - MOTION NO. 213-15: Motion was made by Sandy Zebal and seconded by Karen Leatherwood to adjourn the January meeting. Motion carried.

The meeting adjourned at 3:35 p.m. The next regular monthly meeting is scheduled for Wednesday, February 18, 2015, at 6:30 p.m. in the Reagan Room (003) of the County Office Building.



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Department of Land Use,
Planning and Development

Meeting Summary for February 18, 2015

Members

Josh Hatkin, Chair - Absent
Sandy Zebal - Absent
Melvin Baile
Curtis Barrett
Ellen Cutsail
David Hynes
Karen Leatherwood
George Schooley
Frank Vleck

County Government

Brenda Dinne, Special Projects Coordinator /
EAC Staff Liaison
Jennifer Quick, Recording Secretary
Glenn Edwards, NPDES Compliance Specialist

Other Attendees

None

1. CALL TO ORDER –

Ms. Leatherwood officially called the February 18, 2015, meeting to order at 6:31 p.m. in the Reagan Room (003) of the County Office Building.

2. PUBLIC COMMENTS AND CONCERNS –

No public comments were offered. No members of the public were in attendance.

3. APPROVAL OF MEETING MINUTES –

Approval of the December meeting minutes was postponed until this meeting since a quorum was not present at the January 21, 2015 meeting.

APPROVAL OF MINUTES - Motion 214-15: Motion was made by Frank Vleck and seconded by Ellen Cutsail to approve the December 17, 2014, meeting minutes. Motion carried.

APPROVAL OF MINUTES - Motion 215-15: Motion was made by Ellen Cutsail and seconded by George Schooley to approve the January 21, 2015, meeting minutes. Motion carried.

4. CHAIR AND COMMITTEE REPORTS –**a. Solar Energy Subcommittee:**

Ms. Dinne said that, as far as she is aware, this committee still has not yet met. Should this subcommittee meet, we need a replacement for Ms. Petry. Melvin volunteered to take Kim's spot.

NOMINATION OF MELVIN BAILE TO TAKE KIM PETRY'S SEAT ON THE COMMITTEE TO MAKE RECOMMENDATIONS FOR SOLAR FACILITIES IN THE AGRICULTURAL ZONING DISTRICT -

Motion 216-15: Motion was made by Ellen Cutsail and seconded by David Hynes to approve Melvin Baile for to take over Kim Petry's seat on the committee to make recommendations regarding solar facilities in the Agricultural District. Motion carried.

The Commissioners appointed **Curtis Barrett** to the EAC to fill the vacancy created by the expiration of Ms. Petry's second term. Mr. Barrett accepted the appointment today and joined the meeting at this point. Each EAC member introduced him/herself.

b. Solid Waste Subcommittee:

Ms. Cutsail reported that the Solid Waste Advisory Council activity is on hold while waiting on KCI to have a report ready and for the Board to be briefed and take action.

Ms. Leatherwood informed the members that Governor O'Malley issues an Executive Order regarding Zero Waste and released a Zero Waste Plan at the end of his term in office. Ms. Leatherwood volunteered at the last meeting to provide an overview of the Zero Waste Plan to the EAC members. Ms. Dinne asked Ms. Leatherwood if she could give the overview at the March 11 meeting.

5. TREE COMMISSION –

Nothing to report.

6. STAFF LIASION REPORT –

The March meeting has been rescheduled to March 11th in Room 105 at 3:00pm. The agenda will include continued committee updates on the business community MS4 workshop, the overview of the Zero Waste Plan, and a legislative update from Ms. Dinne.

Ms. Dinne reminded the members that the Annual joint meeting with the Board of Commissioners will be held the next day, February 19, 2015, at 1:30pm. Ms. Dinne put together talking points to guide those who will be speaking. Ms. Dinne will give the Board a brief overview of the role of the Environmental Advisory Council. Mr. Baile will summarize the 2014 Annual Report. Mr. Schooley and Mr. Hynes will give an overview of the first half of the work plan, with Mr. Vleck giving the overview on the NPDES MS4 workshop items on the work plan. One hour has been allotted for this meeting on the Board's agenda, and the meeting will be recorded since it is part of the Board's agenda.

Ms. Dinne stated that all financial disclosure forms have been turned in.

Ms. Dinne handed out updated materials to replace some of the contents of the EAC member materials packet.

Ms. Dinne re-stated that Curtis Barrett has filled the vacancy left by Ms. Petry.

8. OLD BUSINESS –**a. Business Community MS4 Workshop**

Mr. Barrett can choose a committee. Everyone else has signed up for a committee. Ms. Dinne suggested that the committees could meet or communicate by e-mail between meetings, then provide an update on progress at the monthly EAC meetings and seek any desired input. She suggested the EAC members discuss now how their committees will meet/communicate.

Ms. Quick reserved Room M-157 at Carroll Community College, which is a very large room that can accommodate up to 80 people. The workshop will take place on October 6, 2015. The meeting date was moved into early October based on availability of the room, which was limited based on class schedules and other factors. We reserved the room from 3:00-8:00pm. While the workshop will not be this long, we wanted to have ample time for room set up, registration, and early arrivers. Although this is the first time we have done this workshop, we used this room for other events in the past. Depending on the number of registrations, chairs can be set up “theater-style” or with chairs at rows of tables “classroom-style.” We will work with the County’s public information officer to get the word out via the webpage, news release, Facebook, Twitter, and other routine avenues. Mr. Edwards also has several contacts to which invitations can be sent. We can also consider inviting property owners/management companies, working with the Chamber of Commerce, the Real Estate Million Dollar Association of Carroll County to get the word out. Materials for the workshop will be compiled or developed by Ms. Dinne and Mr. Edwards, but the Registration committee will handle putting together the participant packets with these materials.

Committees Updates & Discussion:

1. Facilities – Ms. Quick will coordinate with the Committee members to visit the location and decide how to set up the room. Ms. Quick indicated that the community college will do the set up if the layout is provided to them ahead of time.
2. Refreshments – Mr. Edwards has a contact in mind to solicit for donating the refreshments or funds toward them. Ms. Leatherwood and Mr. Vleck each indicated that they might have possible leads for sponsors as well if Mr. Edwards’ contact did not work out. Ms. Dinne informed the Committee that the college told us that they don’t typically allow outside food, but they will check to see if they will make an exception.
3. Registration and Materials – Ms. Dinne said that materials and registrations will not be ready until close to the time of the workshop, probably August to get started. However, the Committee could work on the post-workshop evaluation questions as soon as we have an idea what the agenda will be. If the Committee drafts the evaluation forms, Mr. Edwards and Ms. Dinne can review it and provide feedback. These evaluations should be helpful in developing the workshop in 2016 for the general public.

This will be on the agenda for future meetings so the committees can update everyone.

9. NEW BUSINESS –

- a. ***Elect New Chair & Vice Chair*** – The Chair and Vice-Chair positions are two-year terms. February marks the end of the two-year term for Mr. Hatkin and Ms. Zebal. Ms. Cutsail nominated Ms. Leatherwood as the new Chair. Ms. Leatherwood stated she would be happy to accept with one condition. Ms. Leatherwood has recently sold her business and is looking for a job so she is unsure what the future holds and may have to step down if elected. Ms. Dinne stated we would cross that bridge when we come to it. Mr. Schooley nominated Mr. Baile for Vice Chair and others agreed. The Chair and Vice Chair positions officially take effect in March.

NOMINATION OF KAREN LEATHERWOOD FOR CHAIR OF THE ENVIRONMENTAL ADVISORY COUNCIL - Motion 217-15: Motion was made by Ellen Cutsail and seconded by Melvin Baile to appoint Karen Leatherwood to Chair. Motion carried.

NOMINATION OF MELVIN BAILE FOR VICE CHAIR OF THE ENVIRONMENTAL ADVISORY COUNCIL - Motion 218-15: Motion was made by George Schooley and seconded by Frank Vleck to appoint Melvin Baile to Vice Chair. Motion carried.

- b. ***Overview: NPDES & the Business Community***

Glenn Edwards presented a PowerPoint on NPDES and the Business Community. This presentation was intended to help give the members additional background on NPDES MS4 requirements prior to the upcoming MS4 Workshop.

10. OTHER –

Mr. Baile shared that the proposed phosphorus management tool regulations were recently pulled back by Governor Hogan. Ms. Dinne added that there have been bills introduced in the Maryland General Assembly to adopt the requirements through legislation instead. Mr. Baile asked for some time on the March agenda to give an overview of a phosphorus symposium that he recently attended.

Also at the March meeting, Ms. Dinne will give an update on the status of relevant legislation introduced this year.

11. ADJOURN REGULAR MEETING –

ADJOURNMENT - MOTION NO. 219-15: Motion was made by Ellen Cutsail and seconded by Frank Vleck to adjourn the February meeting. Motion carried.

The meeting adjourned at 8:05 p.m. The next regular monthly meeting is scheduled for Wednesday, March 11, 2015, at 3:00 p.m. in Room 105 of the County Office Building.



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Department of Land Use,
Planning, & Development

Meeting Summary for March 11, 2015

Members

Karen Leatherwood, Chair
Melvin Baile, Vice Chair
Curtis Barrett
Ellen Cutsail
Josh Hatkin
David Hynes
George Schooley - Absent
Frank Vleck
Sandy Zebal

County Government

Brenda Dinne, Special Projects Coordinator / EAC
Staff Liaison
Jennifer Quick, Recording Secretary
Glenn Edwards, NPDES Compliance Specialist

Other Attendees

None

1. CALL TO ORDER –

Ms. Leatherwood officially called the March 11, 2015, meeting to order at 3:02 p.m. in Room 105 of the County Office Building.

2. PUBLIC COMMENTS AND CONCERNS –

No public comments were offered. No members of the public were in attendance.

3. APPROVAL OF MEETING MINUTES –

No corrections or additions were offered for the draft minutes.

APPROVAL OF MINUTES - Motion 220-15: Motion was made by Melvin Baile and seconded by Curtis Barrett to approve the February 18, 2015, meeting minutes. Motion carried.

4. CHAIR AND COMMITTEE REPORTS –

a. Solar Energy Subcommittee:

Ms. Dinne shared that meetings of the committee were tentatively to be held on the 2nd and 4th Wednesday in April and May. This has not been confirmed.

Mr. Baile added that a bill passed last year that allows solar facilities on some portion of properties for which Maryland Agriculture Land Preservation Foundation holds easements. He felt, therefore, that taxes should be based on use, not just the general agriculture use tax category.

b. Solid Waste Subcommittee:

Ms. Leatherwood stated that the Solid Waste Advisory Council (SWAC) will be briefing the Commissioners on the SWAC next Thursday in the afternoon session. Ms. Leatherwood said the SWAC was created based on the original Solid Waste Work Group that Commissioner Howard had previously formed to make recommendations on the future of solid waste in Carroll County. Many of the core members of that group are now members of SWAC. They have only met a handful of times.

The SWAC members will introduce themselves and give some background about the committee and the goals. They would like the Commissioners to give them direction on where to go from here. There are many solid waste issues to be addressed at this point, and direction from the Board would help focus the group on the Board's needs and priorities.

5. TREE COMMISSION –

Nothing to report.

6. STAFF LIASION REPORT

The April meeting agenda will continue to include updates from the committees on the workshop. Ms. Dinne also will provide another legislative update. If anyone has anything to add in the next week or so, please let Ms. Dinne know.

Updates to materials in the member materials packets were provided.

Ms. Dinne provided the EAC members with two flyers. The first flyer is titled Tick Talk. Steve Allgeier, with the University of Maryland Extension office in Carroll County, asked that it be passed along to the EAC members. He is doing a talk on ticks at the Community Media Center on April 18th. The second flyer was from Maria Myers for the compost bin and rain barrel sale. The sale actually starts May 2nd but you may pre-order online. Mr. Barrett asked if the EAC needs to do anything with the flyer. Ms. Leatherwood stated that this for informational purposes, not necessarily something we need to promote. Ms. Leatherwood also shared a flyer from Maria Myers about the household hazardous waste at Meadow Branch to be held on June 6th from 8:00 a.m. to 12:00 p.m. She noted that they also provide shredding for personal papers and take batteries. Ms. Dinne will e-mail the flyers to the EAC.

8. OLD BUSINESS –

a. *Business Community MS4 Workshop*

Facilities Committee – Ms. Quick is coordinating with the Facilities Committee to visit Room M-157 at the community college. Ms. Quick proposed April 23 at 3:30 p.m. All committee members present indicated this date is available for them.

Refreshments Committee – The College will make an exception and allow us to have refreshments for the workshop. We just need to inform them when we know what the food will be. Ms. Quick is working with the Comptroller's office to confirm the process for collecting a monetary donation and/or food donation.

Mr. Vleck was contacted by a gentleman whose business is located in Baltimore. He is interested in the workshop and having his business present. Mr. Vleck told Mr. Mathias that he would bring it up at the EAC meeting. Mr. Vleck wanted to know the EAC's thoughts on this, as it appears he is interested as a vendor rather than a participant. Ms. Leatherwood stated we should focus on the seminar/workshop. Mr. Mathias is welcome to attend the workshop as an attendee. Also, his business is not in Carroll County, and this workshop is specifically for businesses in Carroll County. Ms. Dinne indicated that there may be a future event or venue that may be more appropriate for vendors to attend or display materials since the EAC did not feel this was the appropriate event and venue at this time.

Registration & Materials Committee – Ms. Dinne asked the committee members to think about information they would like from the attendees when they register. She requested the committee provide her with the information in the next couple weeks. She will then be able to begin coordinating with the IT staff to create a webpage for the workshop and get a registration form posted. We also want to be able to link the registration form to Facebook or other social media outlets. The committee indicated they would meet directly after the meeting to discuss information needed from registrants.

Staff – Glenn is working on the workshop content. Once that is nailed down, the agenda can be put together. Ms. Dinne will provide the EAC with the draft agenda for review.

9. NEW BUSINESS –

a. *Overview of Maryland Zero Waste Plan*

Ms. Leatherwood gave an overview of the Zero Waste Plan that was released by the State in January. Just before the end of his term, Governor O'Malley issued an executive order zero waste, which was followed by the release of the 71-page plan. This executive order could be rescinded by the new Governor, but no action has occurred yet. Ms. Leatherwood contacted Maryland Department of the Environment (MDE). She was told that, after the legislative session is complete, MDE staff may provide an analysis to the Governor. Under the executive order and plan, no permits would be issued for construction of new landfills.

Ms. Leatherwood shared additional highlights from the document:

- By 2040, the waste stream diversion rate would have to be 85 percent, and the recycling rate would have to increase to 80 percent.
- Of the 24 landfills in the State, 22 are owned by local governments. MDE will work with local governments to develop alternatives to landfills, as the State only has 36 years of life left in its landfills collectively. Carroll County's landfill has the longest life, projected by MDE to last until 2059. However, much of Carroll's waste is currently hauled out of the state.
- Counties use tipping fees to pay for maintenance and operations. If they no longer accept waste, this funding stream will not be available to cover these costs.
- The plan indicates that small landfills are not cost effective and seeks to regionalize.
- Credit is given for public education, but it is hard to quantify.
- Three counties were studied to identify the distribution in the solid waste stream of food scraps, paper, yard waste, plastics, etc. The rates did not vary much between counties.
- The plan includes 8 categories of specific objectives and calls for more opportunities to be created for people to reuse materials

The plan can be viewed on the MDE website at <http://www.mde.state.md.us/programs/Marylander/Pages/ZeroWastePlan.aspx>.

b. Legislative Update

Ms. Dinne provided the EAC members with an update on legislation proposed by the 2015 Maryland General Assembly that is relevant to the EAC. She provided a handout with an overview. She summarized as follows:

- SB 588/HB 481, SB 42/HB 874, SB 36 – All 5 stormwater fee repeal bills on the first page received an unfavorable report from committee. They will not move forward.
- SB 863 – Rather than repeal the entire law, this bill proposes to revise the law. It would make the fee voluntary. However, it would add reporting requirements for the stormwater permit that are outside of the permit process.
- SB 257/HB 381 – Just before the end of Governor O'Malley's term, draft regulations for the phosphorus management tool were released in the Maryland Register. Governor Hogan pulled them back when he took office. Therefore, the General Assembly introduced the same requirements as legislation in the House and Senate instead.
- SJ 1 (Senate Joint Resolution) – The purpose of this resolution is to urge Congress to authorize a study be done by the Army Corps of Engineers regarding the sediment behind the Conowingo Dam and how to address it.
- HB 326 – This bill would require the Interstate Commission on the Potomac River Basin (ICPRB) to develop and implement a water resources plan for the Maryland portion of the Monocacy River watershed. Staff opposes it because there was no provision in the bill for local participation, no indication on how they would implement the plan in our counties, including its impact on our stormwater permits.
- SB 919/HB 1268 – Prohibits the jurisdictions from implementing a State Watershed Implementation plan until the US Environmental Protection Agency (EPA) completes and publishes the 2017 Chesapeake Bay Midpoint Assessment.
- SB 258/HB 514 – These bills would create the Maryland Commission on Climate Change. While this Commission already exists, legislation to create the Commission would ensure the Commission continues and specifies who would be a member.
- SB 620/HB 551 – These bills would prohibit stores from distributing plastic bags at the point of sale. Stores would be required to pay customers 5 cents for each bag the customer provided. The store would collect 10 cents for each paper bag they provide.
- SB 684/HB 982 – These bills would establish the Maryland Redeemable Beverage Container and Litter Reduction Program. Beverage container recycling would have to increase from 25 percent to 70 percent by 2022. An organization and board of directors would be established. After January 1, 2017, bottles would have to be marked for a 5-cent deposit and refund. Unredeemed fees would be used to pay loans, establish new redemption centers, etc.
- HB 603 – Requiring a person to ensure yard waste is recycled in a specified manner; requiring a person to ensure food residuals are diverted from the solid waste stream in a specified manner.

Ms. Dinne stated that Sine Die (the end of the legislative session) is April 13. She will provide another update on the final status of this proposed legislation at the April 15 meeting.

c. Phosphorus Symposium Overview

Mr. Baile attended a phosphorus symposium in January at Chesapeake College in January, speakers for which were among the best phosphorus specialists in the world. Mr. Bailed shared that more is known about nitrogen than phosphorus. Phosphorus changes forms; it is rock then soluble then grain. Phosphorus is a necessary nutrient. Phosphorus is measured by FIV #. This number represents the amount of phosphorus in the soil. A small amount of phosphorus in water is good for growth. Mr. Baile shared some of the origins of phosphorus and how it moves through a cycle to reach our water bodies. He indicated that the speaker videos were available online at https://www.youtube.com/playlist?list=PL27-Q8yeZ7-4meDURqI138LSxrofq3y_y.

10. OTHER –

Nothing additional.

11. ADJOURN REGULAR MEETING –

ADJOURNMENT - MOTION 221 -15: Motion was made by Ellen Cutsail and seconded by Curtis Barrett to adjourn the March meeting. Motion carried.

The meeting adjourned at 4:37 p.m. The next regular monthly meeting is scheduled for Wednesday, April 15, 2015, at 3:00 p.m. in Room 003 of the County Office Building.



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Meeting Summary for April 15, 2015

Members

Karen Leatherwood, Chair
Melvin Baile, Vice Chair - Absent
Curtis Barrett
Ellen Cutsail
Josh Hatkin
David Hynes
George Schooley
Frank Vleck - Absent
Sandy Zebal - Absent

County Government

Brenda Dinne, Special Projects Coordinator / EAC
Staff Liaison
Jennifer Quick, Recording Secretary
Glenn Edwards, NPDES Compliance Specialist

Other Attendees

None

1. CALL TO ORDER –

Ms. Leatherwood officially called the March 11, 2015, meeting to order at 3:06 p.m. in Room 003 of the County Office Building.

2. PUBLIC COMMENTS AND CONCERNS –

No public comments were offered. No members of the public were in attendance.

3. APPROVAL OF MEETING MINUTES –

No corrections or additions were offered for the draft minutes.

APPROVAL OF MINUTES - Motion 222-15: Motion was made by Ellen Cutsail and seconded by George Schooley to approve the March 11, 2015, meeting minutes. Motion carried.

4. CHAIR AND COMMITTEE REPORTS –

a. Solar Energy Subcommittee:

Ms. Dinne stated that the Agriculture Commission apparently had already been meeting on Solar Energy. The LUPD Director was under the impression he was supposed to be taking the lead on setting up this committee, so he wasn't aware of it. The Commission provided a

recommendation to the Board already, which was to not allow solar facilities in the Agricultural Zoning District except as accessory uses for the farms. Ms. Dinne will provide the EAC members with a copy of the recommendation.

b. *Solid Waste Subcommittee:*

Ms. Leatherwood stated that the Solid Waste Advisory Council (SWAC) briefed the Commissioners on their mission and role on March 19, 2015. KCI, which is under contract with Department of Public Works to evaluate the County's Solid Waste Management Plan, presented to the Commissioners on the study results on March 26, 2015. The Commissioners asked the SWAC to recommend 2 to 3 action items as a starting point for moving forward. The SWAC will be meeting Friday, April 17, to finalize what those action items might be.

5. TREE COMMISSION –

Nothing to report.

6. STAFF LIASION REPORT

The next meeting is an evening meeting, which starts at 6:30 p.m. The only item on the May meeting agenda so far is continued discussions and updates from the committees on the business workshop. Ms. Leatherwood asked if they should cancel the meeting if the workshop was the only item on the agenda Ms. Dinne suggested that everyone can keep up-to-date via email in regards to the workshop if they cancel the meeting. Ms. Leatherwood's suggestion is that if nothing else comes up on the agenda, the May evening meeting should be canceled. The rest of the EAC members agreed.

7. OLD BUSINESS –

a. *Business Community MS4 Workshop*

Facilities Committee – This committee is meeting on Thursday, April 23, at 3:30 p.m. to get familiar with the facility and determine how to set up the room.

Refreshments Committee – Originally, Mr. Edwards volunteered to pursue a contact he had. However, as a staff person, an awkward situation could be created if he is placed in a situation later with an enforcement action. Therefore, it was decided that it would be best for Ms. Leatherwood and Mr. Vleck to pursue the contacts they had in mind.

Registration & Materials Committee – The committee previously gave Ms. Dinne information for the registration form. She drafted a form. However, she cannot put it on the website yet. First, the agenda has to be nailed down and the refreshment sponsors/donors confirmed so the registration form can be finalized. Ms. Dinne will then work with the IT staff to create a webpage, which must be done before the flyer and registration can be distributed, as it refers to the webpage. This committee's next activities will begin about a month prior to the workshop.

Staff – Mr. Edwards has one confirmed speaker and has made contact with three others. Tom Devilbiss will be the first speaker.

The agenda was drafted. Once we confirm the speakers, the names can be plugged in and the tentative agenda finalized. Ms. Dinne indicated that we will need to move forward on confirming refreshment sponsors/donors so the flyer/registration forms can be finalized. The sponsors were to be included on the flyer in recognition of their donation.

Ms. Leatherwood asked what the topics will be. Ms. Dinne shared the following topics:

- What stormwater is and the relevant regulations

- Best management practices and good housekeeping measures
- How to perform your own in-house inspection, recognize a potential illicit discharge, and how to get assistance
- What businesses have been successful and how you can be recognized

All speakers will be asked to provide PowerPoint presentations. Handouts will be provided to the participants, but all of the materials will also be available on the County's website.

Ms. Cutsail asked if there will be anyone from MDE at the workshop. Ms. Dinne suggested it may not set the desired tone for the workshop if an MDE representative was one of the speakers. Ms. Cutsail agreed, but suggested that a handout be available listing the relevant MDE contact information.

Ms. Dinne will send the EAC members the flyer, registration, and agenda as soon as they are finalized.

Ms. Dinne said that they are working developing a Carroll Clean Water Partnership program. The workshop will be the kick-off for the Partnership program, which will partner with Carroll County businesses to help them voluntarily implement best management practices that will demonstrate environmental stewardship and help them avoid permit compliance issues.

9. **NEW BUSINESS –**

a. Legislative Update

Ms. Dinne provided the EAC members with an update on the relevant legislation proposed by the 2015 Maryland General Assembly, on which she previously briefed them. She provided a handout with an overview. She summarized as follows:

- Nothing on the handout passed except SB 863 and the bill to establish the Maryland Commission on Climate Change.
- The bill to establish a phosphorus management tool for farm properties did not pass, as the General Assembly came to an agreement with the Governor, and revised, proposed regulations were released by the Maryland Department of Agriculture.
- **SB 863** – Ms. Dinne explained that the left side of the synopsis of SB 863 shows the basic requirements from the original stormwater fee bill – House Bill 987 (2012), and the right side shows the additions/changes made by SB 863. The law surrounding the requirement to establish a stormwater fee was not repealed. Only the component mandating Phase I jurisdictions to establish a stormwater fee as their funding mechanism was repealed. However, rather than mandating the funding source for a stormwater program be the fee, in its place, SB 863 now mandates 100 percent funding be demonstrated, regardless of the source. A jurisdiction must demonstrate that you have the necessary funding, what those sources are, how much, what projects it will be spent on, and when. SB 863 also added several new requirements to the law:
 - Whether or not a jurisdiction establishes a stormwater fee, it must submit a Financial Assurance Plan (FAP) to MDE every other year, with the first due by July 1, 2016.
 - Previously, property owned by State, unit of State government, county, municipality, and volunteer fire departments were exempt. SB 863 added property owner by veterans' organizations to the exemptions.

- SB 863 now allows a county to charge fee on State properties if the county also contributes to Fund an amount equal to share of stormwater services for county property.
- Allows non-profit organizations to apply for alternate compliance plan rather than pay the fee if they can demonstrate financial hardship. The same applies to fire departments and veterans' organizations where the county is allowed to charge them as a requirement to be eligible to charge federal properties as well.
- This bill passed unanimously in the Senate, and only received one vote against it in the House.
- SB 863 establishes penalties for insufficient funding.

10. OTHER –

Nothing additional.

11. ADJOURN REGULAR MEETING –

ADJOURNMENT - MOTION 223 -15: Motion was made by Curtis Barrett and seconded by Ellen Cutsail to adjourn the April meeting. Motion carried.

The meeting adjourned at 3:49 p.m. The next regular monthly meeting is scheduled for Wednesday, May 20, 2015, at 6:30 p.m. in Room 003 of the County Office Building.



Carroll County Environmental Advisory Council

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Karen Leatherwood, Chair
Melvin Baile, Jr., Vice Chair

Brenda Dinne, Staff Liaison
Department of Land
& Resource Management

Meeting Summary for July 21, 2015

Members

Karen Leatherwood, Chair
Melvin Baile - Absent
Curtis Barrett - Absent
Ellen Cutsail
Josh Hatkin
David Hynes
George Schooley - Absent
Frank Vleck
Sandy Zebal

County Government

Brenda Dinne, Special Projects Coordinator / EAC
Staff Liaison
Cindy Myers-Crumbacker, Recording Secretary
Maria Myers, Recycling Coordinator

Other Attendees

None

1. CALL TO ORDER –

Ms. Leatherwood officially called the July 21, 2015, meeting to order at 6:32 p.m. in the Reagan Room of the County Office Building.

2. PUBLIC COMMENTS AND CONCERNS –

No public comments were offered. No members of the public were in attendance.

3. APPROVAL OF MEETING MINUTES –

No corrections or additions were offered for the draft minutes.

APPROVAL OF MINUTES - Motion 224-15: Motion was made by David Hynes and seconded by Sandy Zebal to approve the April 15, 2015, meeting minutes. Motion carried.

4. CHAIR AND COMMITTEE REPORTS –

a. *Solar Energy Subcommittee:*

Nothing to report.

b. *Solid Waste Subcommittee:*

Ms. Leatherwood reported that the Solid Waste Advisory Council is still working developing a recommendation for a viable solution to address disposal and cost for the foreseeable future.

5. TREE COMMISSION –

Nothing to report.

6. STAFF LIASION REPORT

Ms. Dinne welcomed Cindy Myers-Crumbacker back to the position of recording secretary. With the split of the Department of Land Use, Planning & Development into two new departments, Jenn Quick was assigned to the Department of Planning; whereas, the Ms. Dinne falls under the Department of Land & Resource Management. Therefore, Ms. Myers-Crumbacker volunteered to take on this responsibility again.

Ms. Dinne indicated that, in addition to progress updates and/or discussion on the business MS4 workshop, the agenda for the August EAC meeting would include an overview from Maryland Department of Environmental (MDE) staff on the 12 SW (industrial) stormwater permits. This overview will provide good background information to the EAC members prior to holding the business MS4 workshop in October.

Ms. Dinne requested the EAC members to let her know if there is a specific topic on which they would like her to find a speaker to present at an EAC meeting.

8. OLD BUSINESS –

a. *Business Community MS4 Workshop*

Facilities Committee – The Community College will set up the room and take it down again. The committee will need to let the college know how to set up the room (with tables or just chairs) a week or two ahead of time. The committee will not need to do anything else until the day of the workshop.

Refreshments Committee – Legacy Contracting is donating refreshments.

Registration & Materials Committee – Ms. Cutsail is drafting an evaluation form for participants and will e-mail it to the other committee members for review. The results will provide feedback for future workshops, particularly the general public workshop that the EAC will host in 2016.

Staff – Ms. Dinne shared the various means of getting the word out about the workshop to businesses. A news release will be sent out. Ms. Dinne has been in contact with the Carroll County Chamber of Commerce, which will send the flyers out in its September newsletter. The small business/merchant associations in the municipalities have been contacted as well.

EAC members should arrive by 4:00.

9. NEW BUSINESS –

a. *The Current Recycling Market – Maria Myers, Carroll County Recycling Manager*

Maria Myers presented an update on the status of the recycling market. She informed the EAC that the recycling market is not in crisis. It is still good to recycle, as it keeps waste out of the landfill. The County is still getting money for its recycling. The market is just not as good as it was, which is a cyclical occurrence. China is not taking as many types of recycling materials as it was.

The Carroll County Government Recycling website has a list of things that are acceptable to recycle. The municipalities' offices also have this information. It is important to only recycle what is

on the list, as this results in better quality recycling materials and lower processing costs. Items not accepted cannot be picked out now. The recycling is not sorted in Carroll County; the landfill is just a transfer station. Paper should not have food stains. Electronics, batteries, light bulbs, etc. should be taken to the landfill. Food packaging cannot be recycled because it is contaminated with food. Discussion was held about where to recycle certain items: CFL bulb to Lowe’s or Home Depot; computer monitors to Staples; and TVs (and other electronics) to Best Buy. Cardboard, such as that from shipping boxes, is currently profitable, which makes it a benefit to the County at this time to receive high volumes of cardboard in good condition. Packaging such as is used for Capri Sun juice is not yet accepted for recycling. Plastic shopping bags are best returned to the store for recycling.

A contract was signed in 2008 which is good thru 2015. Maria handed out a chart (attached). Trash is not to be mixed with the recycling. There is no need to separate recycle items. Haulers will mix all recyclable items set out, even if set out separately. However, they should not be mixing trash and recyclables. People should call the hauler if they observe this happen.

Recycling amounts dropped overall from 2013 to 2014. The recycling data has to be reported to MDE annually.

10. OTHER –

Nothing additional.

11. ADJOURN REGULAR MEETING –

ADJOURNMENT - MOTION 225 -15: Motion was made by Ellen Cutsail and seconded by Josh Hatkin to adjourn the July meeting. Motion carried.

The meeting adjourned at 7:30 p.m. The next regular monthly meeting is scheduled for Wednesday, August 19, 2015, at 3:00 p.m. in the Reagan Room of the County Office Building.



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Melvin Baile, Jr., Vice Chair

Brenda Dinne, Staff Liaison
Department of Land
& Resource Management

Meeting Summary for August 19, 2015

Members

Karen Leatherwood, Chair
Melvin Baile - Absent
Curtis Barrett
Ellen Cutsail
Josh Hatkin
David Hynes - Absent
George Schooley - Absent
Frank Vleck - Absent
Sandy Zebal

County Government

Brenda Dinne, Special Projects Coordinator /
EAC Staff Liaison
Cindy Myers-Crumbacker, Recording Secretary
Glenn Edwards, NPDES Specialist for Carroll
County
Tim Hare, Chief Grading Chief, Bureau of
Resource Management
Dusty Hilbert, Bureau Chief of Public Works

Other Attendees

None

1. CALL TO ORDER –

Ms. Leatherwood officially called the August 19, 2015, meeting to order at 3:02 p.m. in the Reagan Room of the County Office Building.

2. PUBLIC COMMENTS AND CONCERNS –

No public comments were offered. Introductions were made of folks in the audience: Dusty Hilbert, Deputy Director of Solid Waste, CCG Dept. of Public Works; Tim Hare, Chief Grading Inspector, CCG Bureau of Resource Management, Enforcements Inspections Division; Glenn Edwards CCG NPDES Compliance Specialist; Paul Hlavinka and Marjorie Mewbourn of MDE.

3. APPROVAL OF MEETING MINUTES –

No corrections or additions were offered for the draft minutes.

APPROVAL OF MINUTES - Motion 226-15: Motion was made by Ellen Cutsail and seconded by Josh Hatkin to approve the July 21, 2015, meeting minutes. Motion carried.

4. CHAIR AND COMMITTEE REPORTS –**a. *Solid Waste Subcommittee:***

They are preparing for a meeting with the Commissioners to present ideas on yard waste and updating the 10 year okay. Changes are coming in the Fall that will affect the carnivals next year. Changes will affect groups of 200 or more.

5. TREE COMMISSION –

Nothing to report.

6. STAFF LIASION REPORT and**7. OLD BUSINESS –**

Facilities Committee - Ms. Dinne informed the Council that next month we will be focusing on last minute preparations for the October 6 Workshop at Carroll Community College. The Carroll County Chamber of Commerce is mailing the registration flyer for the workshop with their September newsletter. Home Owners Associations and Small Business Associations have been notified. Town and City Offices also have received the information. We are now waiting for registrations to come in. An Evaluation Form is being created to include in the packet of information.

Refreshments Committee -Ms. Dinne will contact Legacy Contracting with a count for them to provide refreshments.

Registration & Materials Committee -Ms. Leatherwood asked about getting a time on the Commissioner's Agenda to inform them on the Workshop. Ms. Dinne will check on this. She will also check about including an article in the Department's Newsletter.

8. NEW BUSINESS –**a. *Overview of 12 SW General Industrial Stormwater Permit – Paul Hlavinka & Marjorie Newbourn – MDE***

A handout was given to each person in attendance with the Power Point presentation on it. (See attached). National Pollution Discharge Elimination System (NPDES) Permits was the title of the presentation. When water is not fishable or swimmable they are considered impaired. Permits are issued to address these impairments. Penalties can be given for non-conformance to regulations. President Obama declared the Chesapeake Bay Watershed to be a 'National Treasure'. However, it is considered impaired. Total Maximum Daily Load (TMDL) was created to deal with the impairment.

MDE issues different NPDES Permits – Individual Permits (Industrial & Municipal), Municipal Separate Storm Sewer System (MS-4), Construction Activity Stormwater, Groundwater and Industrial General Permits. Examples of these were given for Carroll County with Industrial Stormwater Permits being State permits. These permittees must develop a Stormwater Pollution Prevention Plan (SWPPP) as well as other requirements. Guidance manuals can be found on the MDE website. When an inspector shows up, be prepared to review your records including Corrective Action Records.

9. OTHER –

Nothing additional.

10. ADJOURN REGULAR MEETING –

ADJOURNMENT - MOTION 227 -15: Motion was made by Ellen Cutsail and seconded by Curtis Barret to adjourn the August meeting. Motion carried.

The meeting adjourned at 4:40 p.m. The next regular monthly meeting is scheduled for Wednesday, September 16, 2015, at 3:00 p.m. in the Reagan Room of the County Office Building.

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Melvin Baile, Jr., Vice Chair

Brenda Dinne, Staff Liaison
Department of Land
& Resource Management

Meeting Summary for September 16, 2015

Members

Karen Leatherwood, Chair
Melvin Baile - Absent
Curtis Barrett
Ellen Cutsail
David Hynes – Arrived late
George Schooley - Absent
Frank Vleck
Sandy Zebal - Absent

County Government

Brenda Dinne, Special Projects Coordinator /
EAC Staff Liaison
Cindy Myers-Crumbacker, Recording Secretary
Glenn Edwards, NPDES Compliance Specialist

Other Attendees

None

1. CALL TO ORDER –

Ms. Leatherwood officially called the September 16, 2015, meeting to order at 3:10 p.m. in the Reagan Room of the County Office Building.

2. PUBLIC COMMENTS AND CONCERNS –

No public comments were offered.

3. APPROVAL OF MEETING MINUTES –

This item was tabled initially. After a quorum of members was present, the August minutes were voted on.

APPROVAL OF MINUTES - Motion 228-15: Motion was made by Curtis Barrett and seconded by Ellen Cutsail to approve the August 19, 2015, meeting minutes. Motion carried.

4. CHAIR AND COMMITTEE REPORTS –

a. *Solid Waste Subcommittee:*

Ms. Leatherwood reported that solid waste is high on the Commissioner's agenda in the coming months. She also reported that she will be attending the Commissioners' meeting to inform them of the upcoming stormwater workshop. She will ask if information could be put on the Carroll County Government Home Page to inform the public of the event.

5. TREE COMMISSION –

Nothing to report.

6. STAFF LIASION REPORT

Ms. Dinne mentioned that agenda items thus far for the October meeting would be a reflection on the workshop and initial discussions about the upcoming Environmental Awareness Awards cycle.

Ms. Leatherwood requested that the Health Department be invited to provide the EAC with an informational presentation regarding best available technology (BAT) septic systems, as she was aware that they was discussion of potential legislation to change some of the requirements for these systems. Ms. Dinne shared that the Department of Land & Resource Management suggested potential legislation to the Board to eliminate the requirement that local jurisdictions be required to provide additional mitigation beyond that already required by the U.S. Army Corps of Engineers, or pay into a fee-in-lieu, for stormwater restoration projects that provide a net water quality benefit. The Board supported moving forward with this proposal. Ms. Dinne will investigate if there could be any role for the EAC to assist with these legislative efforts. Ms. Dinne indicated that the EAC would be discussing possible topics for the 2016 work plan at the November meeting. She will talk to staff to see if there is a good fit for a project to include on the work plan.

Ms. Dinne shared that Josh Hatkin had resigned as a member of the EAC. His term was set to expire September 30. Ms. Leatherwood added that he moved out of the area. A letter and certificate of appreciation was prepared, and Ms. Leatherwood signed them and sent them directly to Mr. Hatkin. Ms. Dinne noted that his departure leaves a vacancy on the EAC, about which she has already informed the Board. In addition, Ms. Leatherwood's term expired July 30, and Mr. Schooley's term is set to expire September 30. Ms. Leatherwood was invited by the Board to serve for another term. Confirmation for Mr. Schooley had not yet been received by Ms. Dinne.

7. OLD BUSINESS –***a. Business Community MS4 Workshop – Committee Updates***

Facilities Committee – The community college will be setting up the room, so the committee will not need to do much to set up.

Refreshments Committee – At this point, there were not many registrations. Ms. Dinne will keep Legacy Contracting apprised of the headcount for refreshments.

Registration & Materials Committee – Ms. Dinne indicated that she did not have materials available for the committee to assemble the packets yet since there were only a few registrants. Ms. Cutsail said they would only need a couple days to assemble. Ms. Dinne also shared that the committee had completed the evaluation form. The committee members provided Ms. Dinne with the questions. She added some questions that would be helpful to staff, put the form in a format consistent with other workshop materials, and finalized it.

Information about the Workshop was mailed by the Chamber of Commerce with their newsletter to roughly 950 businesses around August 26. Although only a few registrations have been received, Ms. Leatherwood felt that many people wait until closer to the event

to register, particularly coming out of summer and start of school. However, she requested each EAC members call 10-12 business people to invite them if possible. She volunteered to pull contact information from the Chamber director specific to businesses related to the food or auto industry and provide the information to the EAC members. Most of the members present indicated they would be able to make calls. Mr. Hynes suggested that each EAC member also make an effort to bring someone with them.

Ms. Leatherwood also shared that she and Ms. Dinne would be briefing the Board of County Commissioners on the workshop on Thursday, September 17, 2015. After that, she will send the information to the EAC members for businesses to contact. She also planned to request the Board to add a banner to the County website homepage and would like to request Wiley Hayes of the Carroll County Times to write an article about the workshop.

8. NEW BUSINESS –

a. *Overview of Chesapeake Bay TMDLs & Maryland Watershed Implementation Plan (WIP) – Brenda Dinne*

Ms. Dinne provided the members with a copy of her PowerPoint presentation (attached) giving an overview of the Chesapeake Bay Total Maximum Daily Loads (TMDL) set by EPA in 2010 and the Maryland Watershed Implementation Plans intended to show how Maryland would achieve the associated required nutrient reductions. [The full presentation can be viewed by visiting the Archived Video of this EAC meeting on the County website.]

Ms. Dinne began by explaining what a TMDL is and that the authority for TMDLs to be set for impaired waters is derived from the federal Clean Water Act. The U.S. Environmental Protection Agency (EPA) has ultimate approving authority over the setting of a TMDL. She touched on the pollutant source sectors to which a pollutant load is allocated, as well as the components of the TMDL equation – the sum of load allocation plus the wasteload allocation plus a margin of safety.

Ms. Dinne gave background on when the TMDLs for the Chesapeake Bay were set and for which pollutants. She also described that area covered by the Bay TMDLs, how they were set, and by when practices were required to be in place to achieve them.

She described the purpose of Watershed Implementation Plans and the three phases of developing these plans at the state level.

Lastly, she provided overall 2010 pollutant load estimates and the 2025 target pollutant loads and percentage reductions for Maryland for nitrogen, phosphorus, and total suspended solids (sediment). She showed the reductions achieved between 1985 and 2014 in Maryland, as well as a summary of EPA's evaluation of the oversight status of Bay jurisdictions' progress.

Ms. Dinne closed by informing the members that she will follow up this presentation with a "part 2" presentation on how the Bay TMDLs and Maryland's WIP relate to Carroll County. This will most likely be added to the agenda on a month when the agenda is otherwise light.

9. OTHER –

Nothing additional.

10. ADJOURN REGULAR MEETING –

ADJOURNMENT - MOTION 229 -15: Motion was made by Ellen Cutsail and seconded by Frank Vleck to adjourn the August meeting. Motion carried.

The meeting adjourned at 4:19 p.m. The next regular monthly meeting is scheduled for Wednesday, October 21, 2015, at 3:00 p.m. in the Reagan Room of the County Office Building.

CHESAPEAKE BAY TMDLS AND MARYLAND WATERSHED IMPLEMENTATION PLAN

Presentation to EAC by Brenda Dinne

September 16, 2015



WHAT IS A TMDL?

- TMDL stands for **Total Maximum Daily Load**, which is a *value* of the *maximum* amount of a *pollutant* that a body of water can receive while still meeting water quality standards designed to ensure waterways meet national primary goal of being swimmable and fishable.
- Sets a pollution limit for a water body; load must be reduced to limit then, at a minimum, maintained
- Federal Clean Water Act (CWA) requires TMDL to be set for impaired waters



2

WHAT IS A TMDL? (CONTINUED)

- Pollutant load (amount) allocated among various sources
 - Agriculture
 - Wastewater
 - Stormwater
 - Septic
 - Forest



3

WHAT IS A TMDL? (CONTINUED)

- **TMDL = \sum LA + WLA + MOA**
 - LA = load allocation
 - WLA = wasteload allocation (point sources)
 - MOS = Margin of Safety



4

PHASE II

- Refined details of Phase I Plan by providing more geographic specificity regarding target loads
- Includes greater detail about pollution controls that the State and partners will implement by the end of 2017
- Allows significantly more interaction between the State and interested partners, especially counties
 - *Allocations to states. Local governments only requirement is through NPDES permits*
- Maryland submitted to EPA in March 2012



9

PHASE III

- Will be developed in 2017 and will address reductions needed from 2018 to 2025
- Consider results of 2017 Midpoint Assessment (1st official re-run of model since TMDLs set)
- TMDL allocations will most likely be revised



10

MARYLAND PHASE II WIP

- Local WIP teams formed & Local WIP Coordinators designated
- State representative worked with local WIP teams
 - To identify measures added since 2006 and local capacity to address reduction requirements
 - To develop county-specific strategies and plans to incorporate to State WIP
- Regional meetings held periodically around State to keep up-to-date



11

MARYLAND POLLUTION REDUCTION REQUIREMENTS

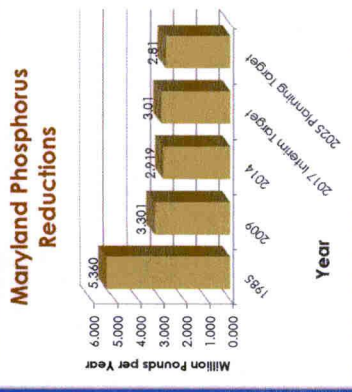
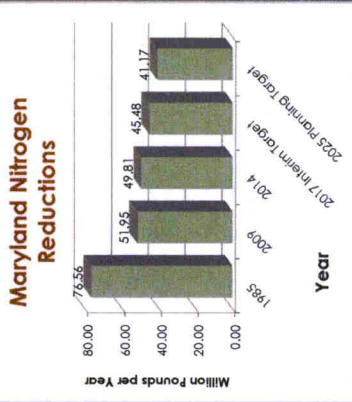
Pollutant	2010 Progress (million lbs/yr)	2025 Target	% Reduction from 2010
Nitrogen	52.76	41.17	22.0%
Phosphorus	3.30	2.81	14.9%
Sediment	1,376	1,350	1.9%



12

Source: Maryland's Phase II Watershed Implementation Plan for the Chesapeake Bay TMDL, October 2012, Fig. IV.

MARYLAND PROGRESS (1985-2014) & TARGET REDUCTIONS



Source: <http://www.epa.gov/region9/implementation/implementation/implementation/07/0715>

MARYLAND PROGRESS

EPA Oversight Status of Bay Jurisdictions' Progress (June 2015)

	Agriculture:	Urban/Suburban:	Wastewater:	Trading/Offsets:
DE	Ongoing Oversight	Ongoing Oversight	Enhanced Oversight	Ongoing Oversight
DC	Not Applicable	Ongoing Oversight	Ongoing Oversight	Ongoing Oversight
MD	Ongoing Oversight	Ongoing Oversight	Ongoing Oversight	Ongoing Oversight
NY	Ongoing Oversight	Ongoing Oversight	Enhanced Oversight	Ongoing Oversight
PA	Backstop Actions Level	Backstop Actions Level	Ongoing Oversight	Enhanced Oversight
VA	Ongoing Oversight	Enhanced Oversight	Ongoing Oversight	Ongoing Oversight
WV	Enhanced Oversight	Ongoing Oversight	Ongoing Oversight	Ongoing Oversight

* Green fading to yellow indicates potential downgrade at end of 2014-2015 milestone period if specific actions are not taken
<http://www.epa.gov/region9/implementation/implementation/implementation/07/0715>



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Meeting Summary for October 21, 2015

Members

Karen Leatherwood, Chair
Curtis Barrett - Absent
Ellen Cutsail - Absent
David Hynes
Amy Krebs
Frank Vleck
Sandy Zebal

County Government

Brenda Dinne, Special Projects Coordinator /
EAC Staff Liaison
Cindy Myers-Crumbacker, Recording Secretary

Other Attendees

None

1. CALL TO ORDER –

Ms. Leatherwood officially called the October 21, 2015, meeting to order at 3:03 p.m. in the Reagan Room of the County Office Building.

2. INTRODUCTION OF NEW MEMBER: AMY KREBS –

Amy Krebs was appointed to fill Josh Hatkins' vacant seat. She introduced herself, sharing that she has been a Carroll County resident for four years. The other members present introduced themselves to her and shared some of their background.

3. PUBLIC COMMENTS AND CONCERNS –

No public comments were offered.

4. APPROVAL OF MEETING MINUTES –

No corrections or comments were made about the September 16, 2015, minutes.

APPROVAL OF MINUTES - Motion 230-15: Motion was made by Frank Vleck and seconded by David Hynes to approve the September 16, 2015, meeting minutes. Motion carried.

5. CHAIR AND COMMITTEE REPORTS –

a. ***Solid Waste Subcommittee:***

Ms. Leatherwood reported that the Solid Waste Advisory Council (SWAC) continues to work on preparing recommendations to present to the Commissioners. The SWAC members are reviewing all previous proposals regarding solid waste.

Frank raised the issue of mulch no longer being free at the Northern Landfill. Ms. Leatherwood clarified that a private contractor is creating the mulch. Quality control was an issue. The contractor is producing a better quality now and, therefore, is more valuable. Yard waste is still being accepted at the landfill, but there now is a charge for the mulch. The contractor's services create a cost savings to the County through avoidance of equipment repair costs. Ms. Leatherwood will check to see if there has been any changes to the yard waste materials that are accepted and report back at the next meeting.

6. TREE COMMISSION –

Ms. Krebs inquired about the EAC's role as the tree commission. Ms. Zebal gave a few examples of prior activities. She indicated that the EAC had reviewed requirements for distances between trees in the landscape ordinance. Complaints regarding tree roots have been reviewed as well. Ms. Dinne added that Chapter 16 of the County Code, which is the chapter creating the EAC, includes the tree commission as part of the EAC's role. No activity as the tree commission has occurred recently.

7. STAFF LIASION REPORT

Ms. Dinne informed the members that Melvin Baile officially resigned from the EAC on October 7. He is also serving on the Board of Zoning Appeals, so did not have time to do both. Ms. Leatherwood signed a letter of appreciation and a certificate of appreciation, which will be framed and provided to him. The Board is aware that a seat remains to be filled.

Amy Krebs was appointed to fill Josh Hatkins' seat. Materials in the member packets will be updated to reflect new EAC members, the new vice chair (to replace Melvin Baile) (later in this agenda), and new committee members. The updated information will be handed out at the November meeting.

At the November meeting, agenda items currently include continued discussion on work plan projects. In addition, at the request of the EAC at the September meeting, the Carroll County Health Department is tentatively scheduled to give an overview of best available technology (BAT) septic systems.

Ms. Dinne also asked the members to copy her on all e-mails related to EAC business, even if it is with just one other member, just to ensure that discussions are open as appropriate to comply with the Open Meetings Act.

8. OLD BUSINESS –

a. *Business Community MS4 Workshop – Updates*

Ms. Leatherwood provided Ms. Krebs with some background on the purpose, development, and status of the workshop.

Ms. Dinne provided each member with additional flyers/registration forms and asked that they distribute them as they have an opportunity to get more attendees for the workshop. She also shared that all the materials were previously ready, but just need to have the dates updated where applicable – primarily on the agenda and PowerPoint copies. The materials are already collated and were ready to stuff in the folders. Where revisions

to the date need to be made, those items will just have to be replaced in the packets. There may not be packet assembly for the committee.

Ms. Dinne gave an overview of each Workshop committee's responsibilities. Amy Krebs chose to be on the Materials /Registration Committee. She also said she has a strong background in Stormwater Management.

Ms. Dinne indicated that she also will provide more flyers to the WRCC members to give out to businesses in the municipalities. Ms. Leatherwood said she had called all registrants after the workshop was postponed from the October 5 date to make sure they knew the workshop date had changed to January.

8. **NEW BUSINESS –**

a. ***Elect New Vice Chair***

With Mr. Baile's resignation, the vice chair position is open. A new vice chair needed to be elected. Ms. Leatherwood nominated David Hynes.

Vice Chair Selection - Motion 231-15: Motion was made by Sandra Zebal and seconded by Frank Vleck to approve David Hynes as the new Vice Chair. Motion carried.

b. ***2016 Meeting Dates***

Ms. Dinne provided the members with the proposed EAC meeting dates for the 2016 calendar year. She clarified that these dates only include the regular monthly meetings. They do not include the joint meeting(s) with the Board or any other additional meetings. She said she will coordinate with the Commissioners' office for the January joint meeting as it gets closer. She also indicated that, as has been done in previous years, the proposed schedule includes three evening meetings. She pointed out that the November and December meetings will again be held on Thursday, rather than the usual Wednesday schedule, as the Wednesday time conflicts with another meeting she has to attend.

APPROVAL OF 2016 Meeting Dates - Motion 232-15: Motion was made by Frank Vleck and seconded by David Hynes to approve the 2016 Meeting Dates. Motion carried.

c. ***2016 Environmental Awareness Awards: Process Review***

Ms. Leatherwood recapped the background and history of the Environmental Awareness Awards for Ms. Krebs.

Ms. Dinne briefly reviewed the process with the EAC. Between now and January, staff are to update the materials to reflect this awards cycle. This has already been done, and Ms. Myers is reviewing the materials to ensure all updates were captured. She is also reviewing and updating, as needed, the distribution list.

Currently, awards are given in five different categories – individual, agriculture, institutional, student, and business. The EAC is welcome to review and revise, if deemed appropriate.

The public campaign will launch in January, using the typical methods to get the word out. A news release will be sent out in January. The information also will be distributed to schools, libraries, etc. Nominations will be accepted until March 1, 2016. The nominations will be sent to the committee to review. Turnaround time needs to be quick, with each

committee member's votes returned to Ms. Dinne by March 15 or so. The nominees with the most votes will be the winners. Ms. Dinne will need adequate time to tally the votes, schedule a joint awards presentation date with the Board, and prepare letters to the chosen award recipients with this information. The joint presentation is typically held in April, close to Earth Day. If any award winners cannot make the joint presentation with the Board, they are invited to attend the following EAC meeting to receive the award from the EAC.

Ms. Dinne also indicated that, in the past, a tree planting in honor of the awards recipients was also held. The trees are planted at Carroll Community College. The committee secures tree donations (two to three trees, not one per award winner) and arranges for delivery. The County facilities staff actually plants the trees. Usually one or two Board members attend as well. The timing of this event generally coincides with Arbor Day (or the Friday closest to it). The EAC elected not to include the tree planting with the 2014 awards cycle. Frank Vleck felt a tree planting should be included in this cycle and volunteered to donate trees from Wakefield Valley Nursery. All agreed.

Discussion on who would serve on the awards committee this year resulted in a suggestion by Mr. Hynes that the entire EAC participate. All were interested in reviewing the applications. Ms. Dinne offered that this would strengthen the voting/tally process.

Ms. Zebal inquired about the decision for the last awards cycle regarding eligibility for a previous winner to win again. Ms. Dinne said she would check on it. She said she would send the awards nomination form and criteria to all members to review prior to the next meeting. Any changes to the categories or criteria could be discussed at the November meeting.

d. 2016 Work Plan: Process Review & Potential Projects

Ms. Leatherwood provided Ms. Krebs with an overview of the work plan process.

Ms. Dinne said that the **general public MS4 workshop** was already on the work plan. This item would continue over to the 2016 work plan. Ms. Vleck suggested scheduling the workshop date in winter or spring of 2017. He felt this would give the EAC time to regroup after the business workshop, time to review what worked and didn't work from that workshop, and therefore, more time to develop the general public workshop. Ms. Dinne indicated that there was not a deadline in the permit for holding the workshop, but we do want it to be held within this permit term. She would check to be sure there were not any other issues with pushing back the date.

Ms. Krebs asked about the topics and presenters for the business workshop. Ms. Leatherwood replied that the workshop is meant to give businesses an overview of the kinds of things they can do to prevent stormwater pollution. Ms. Dinne added that the agenda included an overview of stormwater and associated regulations, good housekeeping best management practices (BMPs), how to perform a self-inspection, and how to get recognized for these efforts to keep Carroll's waters clean. Staff presents the information. She also suggested that, with the general public workshop, the agenda item on how to get recognized could be replaced with or supplemented with the volunteer opportunities available and how to sign up.

Ms. Zebal suggested that the EAC look at the **solar requirements in residential districts** again, as she felt the requirements are very restrictive. Ms. Dinne reminded the EAC that, as an advisory group, they cannot identify their own topics on which to advise the Board.

Generally, in the advisory role, the EAC responds to specific requests from the Board for a topic on which the Board needs advice or assistance. The EAC is free, however, to suggest projects related to its public education role. She offered to discuss this with Mr. Devilbiss to see if the Board would be in need of and amenable to additional review and recommendations from the EAC on the requirements for solar in residential districts.

Members discussed the difficulty in discerning a sales pitch from unbiased information that might help them make a decision. Ms. Krebs inquired whether a public education piece for solar could be a project. Ms. Leatherwood asked Mr. Hynes to do some brief research before the next meeting to determine if it would be easy for the EAC to give guidance in the form of public education materials. His research should include what things need to be considered, what the options are, and who can benefit. She offered that he should not spend too much time, only enough to get a sense whether this is something the EAC could tackle.

The members discussed the current size requirements for solar in residential districts. Ms. Zebal indicated that the maximum size is 120 square feet. Ms. Dinne believed this is partially to address aesthetic concerns. Ms. Vleck felt this issue would not be going away soon and would be good for the EAC to address. The EAC members will discuss Mr. Hynes' research at the November meeting and provide Ms. Dinne with direction on if and what to include in the proposed work plan.

Ms. Dinne concluded the discussion by reviewing the **work plan approval process**. She said the proposed work plan needs to be approved before the joint meeting with the Board. This gives the EAC members time in November and December to review and discuss the work plan. The work plan can be approved in December or January.

9. **OTHER** –

Ms. Myers reminded the members that the next meeting will be held on a Thursday, not Wednesday.

10. **ADJOURN REGULAR MEETING** –

ADJOURNMENT - MOTION 233 -15: Motion was made by Sandra Zebal and seconded by Frank Vleck to adjourn the October meeting. Motion carried.

The meeting adjourned at 4:17 p.m. The next regular monthly meeting is scheduled for **Thursday**, November 19, 2015, at 3:00 p.m. in the Reagan Room of the County Office Building.



Carroll County Environmental Advisory Council

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Karen Leatherwood, Chair
David Hynes, Vice Chair

Brenda Dinne, Staff Liaison
Department of Land
& Resource Management

Meeting Summary for November 19, 2015

Members

Karen Leatherwood, Chair - Absent
Curtis Barrett
Ellen Cutsail
David Hynes
Amy Krebs
Frank Vleck
Sandy Zebal

County Government

Brenda Dinne, Special Projects Coordinator /
EAC Staff Liaison
Cindy Myers-Crumbacker, Recording Secretary

Other Attendees

Jason Flemming, Carroll County Health
Department

1. CALL TO ORDER –

Mr. Hynes, Vice Chair, officially called the November 19, 2015, meeting to order at 3:00 p.m. in the Reagan Room of the County Office Building.

2. PUBLIC COMMENTS AND CONCERNS –

No public comments were offered.

3. APPROVAL OF MEETING MINUTES –

No corrections or comments were made to the October minutes.

APPROVAL OF MINUTES - Motion 234-15: Motion was made by Frank Vleck and seconded by Sandra Zebal to approve the October 21, 2015, meeting minutes. Motion carried.

4. CHAIR AND COMMITTEE REPORTS –

a. *Solid Waste Subcommittee:*

Ellen Cutsail reported that the Solid Waste Advisory Council (SWAC) is working on recommendations to present to the Commissioners. The SWAC last met on November 5, 2015.

5. TREE COMMISSION –

Ms. Dinne followed up Ms. Krebs' inquiry at the October meeting regarding the EAC's role as the Tree Commission by looking into it further. She reported that when the EAC was first created, the EAC was tasked with fulfilling the role as the County's Tree Commission in addition to its other responsibilities. At that time, disputes related to various issues regarding trees on County or private property were brought before the EAC, as the Tree Commission, to resolve. However, this responsibility and reference in the Code have since become obsolete. The Carroll County Forestry Board is recognized in the Forest Conservation Manual as the review and approval agency on issues such as approval to harvest forest in an easement area. Ms. Dinne suggested discussing, during the work plan agenda item below, revision of the County Code, Chapter 31, Environmental Advisory Council, to eliminate the Tree Commission responsibility from that chapter.

6. STAFF LIASION REPORT

Ms. Dinne informed the members that George Schooley did not accept the offer to be re-appointed. A letter and certificate will be signed by Karen to present to Mr. Schooley. Member packets have been updated as well as the website information to reflect the current membership.

Ms. Dinne reported that items thus far for the December meeting agenda include: discussion and possible approval of the 2016 Work Plan; residential solar size requirements; and discussion and possible approval of the 2015 Annual Report. Ms. Dinne will e-mail a draft work plan for the EAC members to review before the next meeting. The meeting will be held on a Thursday again.

Dates requested for the annual joint meeting with the Board of County Commissioners are January 21 or January 28. The EAC members will be notified as soon as a date is confirmed.

Ms. Dinne clarified that the video from the EAC meeting is streamed live then archived. The videos also are broadcast on Comcast Channel 24 (not 19).

7. OLD BUSINESS –

a. *Business Community MS4 Workshop*

Two additional registrations have been received. Ms. Dinne contacted all the previous registrants to confirm that they would like to remain registered. A news release was sent out, and activities similar to the previous data were or will be completed to get the word out.

David Hynes suggested that a kiosk could be set up at the Town Mall to make materials and information available to the public. Ms. Dinne advised the group that Glenn Edwards, NPDES Compliance Specialist, regularly sets up a booth at Carroll County events. Mr. Hynes said he would be interested in helping with the booth. The other members volunteered their assistance with the booth as well. Ms. Dinne indicated she would pass this on to Mr. Edwards for his information for the next time he needs assistance. Also, in response to a question regarding who had primary responsibility to get the word out specifically about the workshop, Ms. Dinne indicated it is the EAC.

Ms. Dinne confirmed that Legacy Contracting is still planning to provide the refreshments for the workshop.

b. 2016 Environmental Awareness Awards

Prior to the meeting, Ms. Dinne e-mailed to the EAC members the nomination form and guidelines/criteria for review. The EAC members agreed that no changes were needed.

Ms. Zebal asked if a final decision had been made regarding a nominee's eligibility to win in any given year if that nominee had previously won an award from the EAC. Ms. Dinne added that she reviewed meeting minutes from the 2014 cycle, and no final decision to the discussion had been made at that time. Mr. Vleck felt that previous winners should be eligible to win if the current nomination is substantially different than the one for which the nominee won. Ms. Krebs agreed but suggested they may need to define "substantially different." Mr. Vleck did not feel a written definition was needed, as each individual EAC member is able to take this into consideration when deciding for which nominees to cast his or her votes.

Ms. Cutsail suggested that, to help with getting the word out, she will distribute nomination forms at an upcoming Carroll County Chapter meeting of the Maryland Municipal League (MML) meeting. Mr. Vleck also suggested having the forms available at the business MS4 workshop.

APPROVAL TO ALLOW ELIGIBLE NOMINEES TO WIN MULTIPLE YEARS – MOTION 235-15:

Motion was made by Ellen Cutsail and seconded by Curtis Barrett that EAC Environmental Awareness Award nominees are eligible to win multiple years based on a difference of submittals. Motion carried.

8. NEW BUSINESS –**a. Overview of Best Available Technology Septic Systems – CC Health Dept.**

Jason Flemming, with the Bureau of Environmental Health within the Carroll County Health Department, provided the EAC with an overview of "best available technology" (BAT) septic systems. EAC members received a copy of the PowerPoint presentation (attached).

A few items of additional information/clarification on the slides include:

- Slide 3 – Seepage pits (drywells) and sandmounds are types of septic systems. All are ways of disposing of water. Treatment occurs in the tank. The anaerobic bacteria digest the waste. It is important to regularly pump out what is not digested. Since the tank is low in dissolved oxygen, only certain kinds of bacteria can survive there.
- Slide 7 – To qualify as a BAT, the State requires that the system reduce nitrogen by 50 percent or more.
- Slide 7 – The bacteria in a BAT relies more on the bacteria in the tank. Therefore, Mr. Flemming suggested that users need to be more careful about putting products down the drain or in the toilet that eliminate bacteria. (Not referring to bacteria intended for septic systems).
- Slide 8 – MDE recently developed a classification system for BATs. Previously, the BATs would have been defined as only those that fit into the new Class I. The classifications are intended to give property owners more flexibility and options for meeting the treatment standards. MDE would be fine with any combination of classifications that meet the 30 mg/L or less. The industry-wide accepted average household has been determined to produce 60 mg/L of nitrogen before treatment.

b. 2016 Work Plan: Process Review & Potential Projects

The EAC discussed potential projects to be included on the 2016 work plan.

Ms. Dinne clarified that Commissioner Frazier requested the research and recommendations regarding *maximum size requirements in residential zoning districts*, the timing of which happened to coincide with Ms. Zebal's suggestion that this topic be revisited. Ms. Cutsail asked if this is the same work that the Solar Committee previously did. Ms. Dinne indicated that previous work was done with a different Board, and this Board may want something different. The EAC agreed to include a project in the work plan to review options and recommend some numbers. Ms. Dinne will e-mail to the EAC members a copy of the previous recommendation made to the Board.

The EAC members discussed creating a brochure or some type of public outreach materials to help Carroll County residents navigate through the process in Carroll County of deciding on solar for residential accessory use. Ms. Dinne was directed to include this as a project in the draft work plan. Ms. Dinne will send the EAC members a copy of the current zoning code text related to solar facilities in residential districts.

Based on the previous discussion related to the EAC's obsolete role as the Tree Commission, another work plan item will be to shepherd an amendment to Chapter 31 of the County Code through the process to eliminate reference to the Tree Commission.

Lastly, the general public workshop, which was on the 2015 work plan to begin the process, will continue over to the 2016 work plan. The target date will change to winter or spring of 2017. The EAC members felt this would give more time to review what worked and what could be improved from the business workshop. In addition, Ms. Dinne indicated that the project will be larger in scope than the business workshop. Additional staff may assist in developing topics and information delivery at the workshop.

Ms. Dinne will draft the work plan and send it to the EAC members for review prior to the next meeting.

9. OTHER –

Nothing additional.

10. ADJOURN REGULAR MEETING –

ADJOURNMENT – MOTION 236-15: Motion was made by Ellen Cutsail and seconded by Curtis Barrett to adjourn the November meeting. Motion carried.

The meeting adjourned at 4:42 p.m. The next regular monthly meeting is scheduled for **Thursday**, December 17, 2015, at 3:00 p.m. in the Reagan Room of the County Office Building.



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David Hynes, Vice Chair

Brenda Dinne, Staff Liaison
Department of Land
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Meeting Summary for December 17, 2015

Members

Karen Leatherwood, Chair
Curtis Barrett
Ellen Cutsail
David Hynes
Amy Krebs – Absent
Frank Vleck
Sandy Zebal

County Government

Brenda Dinne, Special Projects Coordinator /
EAC Staff Liaison
Cindy Myers-Crumbacker, Recording Secretary
Jay Voight, Bureau Chief, Zoning

Other Attendees

Tim Mawer

1. CALL TO ORDER –

Ms. Leatherwood, Chair, officially called the December 17, 2015, meeting to order at 3:00 p.m. in the Reagan Room of the County Office Building.

2. PUBLIC COMMENTS AND CONCERNS –

No public comments were offered.

3. APPROVAL OF MEETING MINUTES –

No corrections or comments were made to the November minutes.

APPROVAL OF MINUTES – Motion 237-15: Motion was made by David Hynes and seconded by Frank Vleck to approve the November 19, 2015, meeting minutes. Motion carried.

4. CHAIR AND COMMITTEE REPORTS –

a. *Solid Waste Subcommittee:*

Ms. Leatherwood informed the Council that Governor Hogan may be addressing solid waste issues during the 2016 legislative session. The Solid Waste Advisory Council (SWAC) continues to meet monthly to prepare ideas to assist the Board.

5. STAFF LIASION REPORT

Ms. Dinne reported that items thus far for the January meeting agenda include: approval of the 2016 Work Plan, if not approved at the December meeting; approval of the 2015 Annual Report, unless approved at the December meeting; reflection on the business workshop; and continued discussion on residential solar surface area requirements. Ms. Dinne will email the date of the joint meeting with the Board of County Commissioners as soon as it is confirmed. She has requested either January 21 or 28.

6. OLD BUSINESS –

a. Business Community MS4 Workshop

Ms. Leatherwood offered to call Mike McMullen with the Carroll County Chamber of Commerce to try to encourage additional participation in the workshop. The Environmental Advisory Council (EAC) members decided not to make phone calls, as they did not feel it was fruitful previously. Mr. Vleck volunteered to email those he had emailed previously.

Ms. Dinne suggested the EAC aim to hold this workshop again in two years. It could be held at any time sooner if there is a demand by local businesses. Connections with the relevance of the workshop to local businesses may be result from violations and enforcement. She indicated that the County currently does not charge a fee for violations. Rather, the County works with businesses to achieve voluntary compliance. The County's permit does require violations to be reported to MDE. MDE may determine to take other actions.

Ms. Cutsail informed the Council that she knows some people who had registered for the workshop that had showed up in October, indicating that they were not aware of the cancellation. Ms. Dinne replied that all registrants were notified through the same email address with which they were registered. In addition, EAC members called registrants to inform them as well. Ms. Dinne added that a news release was sent out, and a sign was posted on the door at the community college.

Mr. Vleck said he will not be able to attend the workshop.

Ms. Leatherwood volunteered to follow up with Legacy Contracting to confirm they are still planning to provide the refreshments for the workshop. Ms. Dinne sent an email to Legacy indicating the anticipated number of attendees.

Ms. Dinne reminded the Council members they had previously decided to arrive at the college at 3:45. Staff has already taken care of assembling the packets, so the Registration Committee will not need to do this. Packets with the agenda and other information will be handed out at the sign-in table. There are 12 people registered so far.

b. 2016 Environmental Awareness Awards

The news release for the 2016 Environmental Awareness Awards is to be sent out the first week in January. Webpage changes have been requested to reflect the current awards cycle, including the downloadable nomination forms and the online nomination form. In addition, Ms. Dinne requested the workshop banner on the homepage of the County website be replaced with an awards banner on January 6. Staff will send the materials to the distribution list once the changes and online nomination forms are live. The EAC members requested additions to the distribution list: Mike McMullen (Chamber of Commerce), Small Business Associations, Farm Bureau, and Ag Commission.

Ms. Leatherwood affirmed that EAC members can submit nominations.

c. 2016 Work Plan

Ms. Leatherwood requested to be added to the work plan the continued liaison role between the EAC members that are also SWAC members and the rest of the EAC to be able to keep the EAC apprised of issues on the table and provide input to the SWAC on behalf of the EAC. It was agreed that the work plan reflected a healthy amount of work for the EAC for 2016.

APPROVAL OF WORK PLAN – Motion 238-15: Motion was made by Frank Vleck and seconded by Ellen Cutsail to approve the 2016 Work Plan. Motion carried.

7. NEW BUSINESS –

a. 2015 Annual Report

Ms. Leatherwood summarized the contents of the report. The report will be provided to the Board, and the EAC will review it briefly with the Board at the joint meeting in January.

APPROVAL OF 2015 Annual – Motion 239-15: Motion was made by Sandra Zebal and seconded by Ellen Cutsail to approve the 2015 Annual Report. Motion carried.

b. Residential Solar Size Requirements

Ms. Leatherwood provided background on the 2013 EAC solar project, as many of the current members have joined the EAC since that time. Jay Voight, County Zoning Administrator, confirmed that the current maximum size limit for solar surface in residential areas is 120 square feet and applies in all of the Residential Zoning Districts – R-40,000, R-20,000, R-10,000, and R-7,500 – plus the Conservation Zoning District. He also indicated that currently there is no limit that he knows of on the amount of power that a residential facility may generate and “sell” back to the grid for credits.

No additional changes were offered for the more general, overall scope of work. The consensus was to finalize it. Ms. Dinne said it would be included with the proposed 2016 work plan at the joint meeting with the Board in January.

Mr. Voight said that many other counties in Maryland have changed their codes regarding solar requirements since the EAC completed their solar project in 2013. Ms. Cutsail volunteered to collect County code/requirements regarding solar for the other counties in Maryland. She will also research the State’s requirements. She will send the information to Ms. Dinne to distribute to the other EAC members. Ms. Leatherwood will assign each EAC member a set of counties to review in more detail. Once received, each member will review the information from their assigned counties and be prepared at the January meeting to discuss them in more detail.

The working draft of the EAC’s process and specific tasks for completing this project were reviewed. Ms. Dinne will add information to reflect the task and assignments regarding other counties research. She will update the process and send it to the EAC members.

Ms. Vleck felt that the 120-square-foot size restriction needs to be changed, as a one-size-fits-all approach does not seem practical. Mr. Voight shared that the 120 square feet

was not recommended by the EAC, but added by the Planning Commission. By law, the Planning Commission reviews all proposed zoning changes and makes recommendations to the Board. He added that 120 square feet is about the size of the footprint of an average shed in the backyard.

Mr. Voight shared that companies are now making roof shingles that are also solar panels, but they are not cheap. Ms. Cutsail offered that most panels are good for 20-25 years, but will probably become obsolete before that time, particularly as efficiency and materials improve. Mr. Hynes added that companies who rent say that they will switch out the panels for new technology as it becomes available.

Mr. Voight stated that Maryland is now working on requirements for community solar systems. These systems would operate similar to a co-op. He said the County Code does not currently address community solar systems. Ms. Zebal asked about the average amount of electricity that is used or needed for a household in a year. Mr. Voight offered to look for that information.

8. OTHER –

Nothing additional.

9. ADJOURN REGULAR MEETING –

ADJOURNMENT – MOTION 240-15: Motion was made by Ellen Cutsail and seconded by Curtis Barrett to adjourn the December meeting. Motion carried.

The meeting adjourned at 4:30 p.m. The next regular monthly meeting is scheduled for Wednesday, January 20, 2015, at 6:30 p.m. in the Reagan Room of the County Office Building.