

In The Matter Of:

***FREDERICK COUNTY GOVERNMENT'S MS4 PERMIT
RENEWAL***

***PUBLIC MEETING
August 28, 2014***

MERRILL LAD

1325 G Street NW, Suite 200, Washington, DC
Phone: 800.292.4789 Fax: 202.861.3425

MARYLAND DEPARTMENT OF THE ENVIRONMENT

IN RE:

FREDERICK COUNTY GOVERNMENT'S MS4 PERMIT RENEWAL

PUBLIC MEETING

Frederick, Maryland

Thursday, August 28, 2014

10:00 a.m.

Job No.: 1-251521

Pages: 1 - 40

Reported by: Toni R. Thompson, RMR

1 PUBLIC MEETING, held at the office of:
2 Frederick County Community Development
3 Division
4 30 North Market Street, Basement Level
5 Frederick, Maryland 21701
6 301.600.1153
7
8

9 Pursuant to agreement, before Toni R.
10 Thompson, RMR, Court Reporter and Notary Public in and
11 for the State of Maryland.
12
13
14
15
16
17
18
19
20
21
22

1 A P P E A R A N C E S

2 ON BEHALF OF MDE

3 BRIAN CLEVINGER, HEARING OFFICER

4 MARIA WARBURTON

5 RAYMOND BAHR

6 ANDREW TAGOE

7 MICHELLE ARTHUR

8 CHRISTINA LYERLY

9 ON BEHALF OF FREDERICK COUNTY GOVERNMENT-OSER

10 SHANNON MOORE

11 ERICA COOKE

12 DARLENE BUCCIERO

13 HEATHER MONTGOMERY

14 DANIEL SALTZBERG

15 EVELYN MICHAEL

16 SUZANNE CLIBER

17 LISA ORR

18 ON BEHALF OF THE POTOMAC CONSERVANCY

19 AMANDA JOHN

20 CHRIS MCGRAW

21 ON BEHALF OF TROUT UNLIMITED

22 KEVIN ANDERSON

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

A P P E A R A N C E S (cont'd)
ON BEHALF OF THE MARYLAND STORMWATER CONSORTIUM
BRUCE GILMORE
ON BEHALF OF CLEAN WATER ACTION
WILL FADELY
ON BEHALF OF MARYLAND LEAGUE OF CONSERVATION VOTERS
BRENT BOLIN
ON BEHALF OF THE CHESAPEAKE BAY FOUNDATION
ELAINE LUTZ, ESQUIRE

1	C O N T E N T S	
2	OPENING REMARKS	PAGE
3	By Mr. Clevenger	6
4	PRESENTATIONS AND COMMENTS	
5	By Ms. Moore	11
6	By Mr. Gilmore	23
7	By Mr. Fadely	31
8	By Ms. Lutz	32
9	By Ms. John	35
10	CLOSING REMARKS	
11	By Mr. Clevenger	38
12	ATTACHMENT	
13	Statement of Bruce A. Gilmore	
14		
15		
16		
17		
18		
19		
20		
21		
22		

1 P R O C E E D I N G S

2 MR. CLEVINGER: Good morning and welcome.

3 Today is Thursday, August 28th, 2014, it's about nine
4 minutes after 10 o'clock. We're in Frederick County,
5 Maryland, and we are going to conduct a Public
6 Hearing to take up Frederick County's Municipal
7 Separate Storm Sewer System Permit. The acronym is
8 MS4.

9 My name is Brian Clevenger. I am the
10 Program Manager of the Maryland Department of the
11 Environment's Sediment, Stormwater and Dam Safety
12 Program. I'll be the Hearing Officer today.

13 With me today from MDE, and I will
14 introduce them, is Ray Bahr to my left, who is the
15 Program Review Division Manager in the Sediment,
16 Stormwater and Dam Safety Program. Maria Warburton,
17 sitting between Ray and I, is the Permit
18 Administrator in our program.

19 Also we have Andrew Tagoe, Christina
20 Lyerly and Michelle Arthur with us as well.

21 First I'd like to thank Shannon Moore
22 from Frederick County for having us up, for setting

1 this room up and the hearing; Maria Warburton for
2 holding the Department of the Environment's end up so
3 well. And according to Maryland's Administrative
4 Procedures Act, a tentative determination to issue
5 this Frederick County Municipal Separate Storm Sewer
6 System, MS4 Permit, was advertised in the Frederick
7 News-Post on June 28th and June 30th, 2014. The
8 Department sent out announcements to MDE's interested
9 parties list and publicized the permit decision,
10 tentative determination to issue on the Department's
11 web page.

12 Anyone who signed up to speak will be
13 given an opportunity. If you have not signed up to
14 speak and wish to do so, we'll give you an opportunity
15 at the end of the hearing to speak up. Also, if you
16 want to be on the Department's interested parties list
17 and you're not now you can sign up with us and you'll
18 get notices of further actions with this, and probably
19 all the other permits that we issue for MS4s.

20 I have a prepared statement to read into
21 the record, and after I get finished with that we'll
22 call on the County to present what it wants to say,

1 and then we will give deference to any elected
2 officials that are here, and then the three people
3 that have suggested that they'd like to give public
4 comment too, and the logistics of what happens next
5 we'll talk about at the end. So I'll go ahead and
6 read this prepared statement, and then we'll go from
7 there.

8 The purpose of today's hearing is to
9 accept public comment on the MDE's tentative
10 determination to issue Frederick County an MS4 Permit.
11 This hearing is being held to honor a request
12 submitted on July 11th, 2014, from Ms. Shannon Moore
13 representing Frederick County. This hearing allows
14 MDE to meet its obligation under Maryland's
15 Administrative Procedures Act.

16 For background, Maryland has been
17 delegated authority by the United States Environmental
18 Protection Agency, EPA, to administer the NPDES
19 program in the state. NPDES stands for National
20 Pollutant Discharge Elimination System.

21 Final stormwater regulations were adopted
22 by EPA in November of 1990 according to Section 402(p)

1 of the Clean Water Act. These regulations required,
2 in part, that owners of storm drain systems serving
3 populations greater than 100,000 apply for a Phase I
4 NPDES municipal stormwater permit. Based on the 1990
5 Census and projections for growth, MDE designated
6 Frederick County as a Phase I municipality due to its
7 population. The County submitted a two-year, two-part
8 application and was issued an initial MS4 Permit in
9 November of 1994.

10 The County's first permit laid the
11 foundation for a comprehensive approach to controlling
12 runoff. This was done by establishing necessary legal
13 authority, mapping storm drain system infrastructure,
14 identifying sources of pollution, monitoring storm
15 events to characterize urban runoff, and enhancing
16 existing erosion and sediment control and stormwater
17 management programs, and establishing new programs for
18 providing education and eliminating illegal storm
19 drain system discharges. This permit was reissued in
20 March 2002. For this reissued permit additional
21 requirements were included for assessing water quality
22 across the County, and for restoring 10 percent of the

1 County's impervious area that was not already managed
2 to the maximum extent practicable.

3 NPDES permits last for five years, and a
4 reapplication is required to be submitted as part of
5 the County's fourth year annual report. Frederick
6 County submitted its fourth year annual report on
7 March 8th, 2006. Since that time MDE has held
8 numerous meetings and had many conversations with
9 individual citizens, environmental advocates, the EPA,
10 and other local government officials, including
11 Frederick County, that are affected by the MS4 Permit
12 program. The result of these meetings and
13 conversations is the draft permit that we take up
14 today.

15 Yet more significant conditions have been
16 added to this version of Frederick County's stormwater
17 permit, largely based upon EPA approved Total Maximum
18 Daily Loads, or TMDLs, for impairments to local water
19 bodies within the County and for nutrients and
20 sediments in Chesapeake Bay. The most significant
21 permit condition is doubling of the impervious area
22 restoration requirement from 10 percent to 20 percent

1 that needs to occur within the five-year permit term.
2 These and all other remaining permit conditions have
3 been developed for abating the discharge of pollutants
4 from Frederick County's storm drain system and working
5 toward meeting the State's receiving water quality
6 criteria.

7 That ends the rather stuffy prepared
8 statement. So with that I will ask Shannon,
9 Ms. Shannon Moore of Frederick County to speak on
10 behalf of the County. Again, if you would like to
11 speak and you haven't signed our sign-up sheet please
12 do so. We just had someone come in just recently, so
13 if you want to speak let us know and we'll give you
14 another chance.

15 Shannon.

16 MS. MOORE: Thank you, Brian. And thank
17 you for everyone who's here today. I appreciate your
18 dedication to the environment in Frederick County, as
19 well as all the areas that it drains to. And I've
20 worked with many of you in the past, and I look
21 forward to working with you as we move forward with
22 these challenges together in the future.

1 I wanted to just briefly update you about
2 Frederick County's MS4 Permit. Here's a couple of
3 maps that we've done of restoration areas and
4 pollutant loadings. And I'm going to break my
5 presentation down into three categories: One being
6 about Frederick County, the second one being an
7 overview of our current programs with a highlight on
8 our budgeting and restoration efforts, and then the
9 third being some brief comments on the tentative
10 determination.

11 Just about Frederick County. It's
12 approximately 664 square miles and it has 1400 miles
13 of stream that go through five state watersheds, and
14 those include the Lower Monocacy and the Upper
15 Monocacy River, Catoctin Creek, Double Pipe Creek and
16 the Potomac River.

17 Our staff has subdivided those watersheds
18 into 20 smaller NPDES management units, and then
19 we've broken those down further into smaller branches
20 and catchments, and we do a lot of our loading
21 estimates and restoration work at the catchment
22 level.

1 The County is 35 percent forest, 58
2 percent agriculture, but only 5 percent urban. Most
3 of our urban land is within the municipalities and
4 not the MS4. The non-municipal urban population as
5 of August 1st, 2014, is 81,889.

6 The County has distinct places ranging
7 from small rural communities to more developed areas
8 and has no ultra urban areas.

9 Brian went over the list of our NPDES
10 requirements, so I'm not going to duplicate that.
11 But suffice to say our existing NPDES Permit has a
12 substantial amount of work in monitoring, mapping,
13 identification and correction of impairments, and it
14 includes a requirement to reduce 10 percent of the
15 untreated urban impervious area in the County.

16 We also have a robust program to identify
17 and correct elicited discharges, as Heather Montgomery
18 knows, and we do a great deal of public education and
19 outreach, including the coordination of the Monocacy
20 and Catoclin Watershed Alliance. We comply with
21 sediment erosion control regulations and we have
22 provided adequate funding.

1 On the financing and funding side, I
2 wanted to go over some financial items. Some of
3 these I think may be a surprise to you, some of them
4 will not.

5 Frederick County is in compliance with
6 the State's HB 987, the requirement to create a
7 stormwater utility financing mechanism, and that
8 currently generates \$488 on average per year and is
9 assessed at a one penny rate. However, the majority
10 of the NPDES MS4 program is not funded through this
11 fee. In fact this fee has not been utilized yet.

12 The average cost of the permit execution
13 over the past ten years before FY 14 was \$2.5 million
14 a year. The FY 14 budget was \$3.6 million, and the
15 current FY 15 budget is estimated at \$5.35 million.
16 And the reason why I say estimated is because there
17 are some budgets that are directly within our control
18 that are broken out completely, and others where we
19 have to take a portion of other budgets from the
20 County, such as for erosion and sediment control and
21 street sweeping.

22 That last cost that we have there on the

1 table is the cost of the next MS4 Permit, and we're
2 currently in the process of finalizing our cost
3 estimates on that permit but that order of magnitude
4 is about correct. So our estimate again is not
5 complete.

6 As far as watershed planning and
7 restoration, which is one of our major activities,
8 we're required to identify problems in watershed
9 assessments and then develop a list of candidate
10 solutions to those problems. And we've completed
11 assessments for Ballenger, Lower Bush Creek, Lower
12 Linganore Creek, Bennett Creek, Upper Monocacy and
13 Lower Monocacy River watersheds, which is about 60
14 percent of the county.

15 The solutions are developed as part of
16 stream restoration and stormwater management facility
17 retrofit assessments, in addition to in many
18 instances those watershed assessments. We've
19 conducted those for Ballenger, Lower Bush, Linganore
20 and Bennett. Those are not required by the permit,
21 but they are necessary to take projects through the
22 feasibility phase for project development.

1 Just some background about our watershed
2 assessments. In 2012 EPA recognized us as having one
3 of the four best watershed assessments in the nation
4 for the Lower Monocacy River. And also in 2012 we
5 had an inspection by EPA Region 3 of Frederick
6 County's MS4 compliance program, and some of the
7 things that they noted were the excellence of
8 Frederick County's GIS program, our robust program to
9 sample illicit discharges, the strength of our
10 watershed assessment program, and our public access
11 of permitting and inspection data.

12 In 2013 our MDE review of the MS4 Permit
13 states that the County is congratulated for its
14 continued endeavors and commitment to the
15 implementation of the municipal stormwater program.
16 And they noted two items in particular; one being the
17 completion of the restoration goal in the permit,
18 and, two, being maintenance of adequate budget.

19 The goal that we currently have in the
20 permit that we currently have is a 672-acre
21 impervious area reduction goal. We have completed
22 the restoration of actually 713 acres. We are

1 currently -- the accounting standards for that kind
2 of hinge between early accounting prior to 2011 when
3 the accounting for stormwater requirements were
4 developed and then post 2011, and then most recently
5 we have a new guidance that was published in August
6 for how to account for those projects.

7 These projects include 125 acres of
8 capital improvement projects, 129 acres of projects
9 completed by our Watershed Alliance Partners --
10 several of you in the room have contributed to these
11 and we thank you greatly -- 55 acres of street
12 sweeping, and 413 acres of community restoration
13 projects sponsored through our office with our
14 partners.

15 Just a couple of examples of projects
16 that we've done that are capital. One is the
17 Ballenger Creek Stream Restoration Project. That one
18 restored the channel at the Ballenger Creek
19 Elementary School and provided multiple benefits
20 through coordinations with Frederick County Public
21 Schools, our Division of Utilities and Solid Waste
22 Management, Parks. We stabilized banks, reduced

1 sediment, removed debris jams in the stream. We
2 protected the sewer line from the stream. We created
3 an area for the Ballenger Creek Trail and saved Parks
4 from having to install a pedestrian bridge to the
5 tune of about \$415,000, and we improved habitat for
6 fish, birds and other organisms.

7 Pay attention to the picture on the
8 bottom left. That's the before, that's the
9 immediately after, and that's after it started to
10 grow up.

11 We've also done at Urbana High School
12 stormwater retrofit. That was a bioretention type
13 project. We partnered with Frederick County Public
14 Schools on that. We treated -- the existing
15 stormwater pond treated for volume, but not quality.
16 We constructed bioretention facilities in the
17 courtyard and the bus lot to treat for quality. The
18 facilities look like a landscaping feature, and we
19 also provided porous pavers at the emergency exits
20 which the school was very pleased about.

21 And so on the bottom left again is the
22 before picture in front of the pond, and then

1 immediately following it after the construction of
2 it.

3 Another project that I wanted to call
4 your attention to is the Linganore Stream Restoration
5 Capital Improvement Project. This picture here on
6 the right is candidate sites for restoration from the
7 Linganore watershed's restoration and retrofit
8 assessment, and then on the upper right-hand corner
9 is a detail from that assessment that showed
10 restoration opportunities. We do have a lot of these
11 kinds of publications and we are happy to share them
12 with you. Many of them are at the Watershed Alliance
13 website at www.watershed-alliance.com.

14 So in this particular project we selected
15 the Pinecliff Park Stream Restoration Project. We
16 addressed the degrading stream, sediment and nutrient
17 pollution, and we coordinated with Parks to protect
18 their assets, as well as a main water line and a road
19 cover.

20 So that's kind of an overview of some of
21 the highlights of our program. There are many other
22 areas that we work in, but I thought it would be

1 important for us to talk about those because I think
2 that that's an area where the County has spent a
3 significant amount of work and maybe people are not
4 aware of it.

5 Some general comments on the tentative
6 determination. The first general category is in the
7 area of maximum extent practicability. The Clean
8 Water Act, Section 402(p)(3)(b)(iii), establishes MEP
9 as a legal compliance standard for MS4 Permits. And
10 MDE has included MEP references in Parts III, IV.D.,
11 IV.E. and VII of the draft permit that appropriately
12 reflect the MEP legal compliance standard.

13 We are finalizing our analysis of the
14 maximum extent practicable to execute the draft
15 permit and will commit to programs that are
16 determined in the analysis to be practicable. We are
17 concerned that some terms may not be achievable due
18 to cost scheduling or other issues.

19 And I want to note that we're not alone
20 in having some of those concerns. I recently heard a
21 presentation from Bob Hoyt of Montgomery County to
22 the Metropolitan Washington Council of Governments

1 where he presented to Secretary Summers, and also
2 Nicholas DiPasquale, who is the head of the
3 Chesapeake Bay Program, and he was concerned that
4 Montgomery County was not going to be able to meet
5 its 20 percent retrofit within its permit term, and
6 so we echo the concerns of many other jurisdictions
7 on this particular item.

8 Part III of the draft permit states that
9 implementation of Parts IV through VII will
10 constitute adequate progress towards water quality
11 standards compliance. Water quality standards are a
12 big issue for all of us. The County submits that
13 there's no legal requirement that an MS4 Permit
14 include any references to water quality standards or
15 TMDL wasteload allocations, but can support this
16 language as a reasonable compromise that has been
17 used elsewhere in Region 3, for example in the 2012
18 MS4 Permit issued to the District of Columbia.

19 We also have concerns that some of the
20 tests in the draft permit may be impossible to
21 accomplish even with unlimited funding and time, and
22 an example of that is the draft permit requires that

1 the County develop a litter and floatables program
2 with the goal of elimination of these materials.
3 Eliminating litter and floatables will never occur,
4 regardless of the County's efforts to address the
5 issue. And it's kind of similar to the issue of
6 policing where you are never able to completely
7 eliminate crime.

8 So my last comment is that Frederick
9 County has met its commitment under its current MS4
10 program, has more than doubled its program resources
11 in anticipation of the next MS4 Permit, and is
12 committed to executing the draft permit to the
13 maximum extent practicable.

14 So thank you very much, and I appreciate
15 your time today.

16 MR. CLEVINGER: Thanks, Shannon.

17 At this time are there any elected
18 officials present that would like to speak?

19 No one did, so we'll go with the three
20 speakers that have signed up. Actually it's only
21 two.

22 Bruce Gilmore. Bruce, if you would

1 identify yourself and your affiliation, your
2 organization you're with, please.

3 MR. GILMORE: Yes, my name is Bruce
4 Gilmore, B-r-u-c-e G-i-l-m-o-r-e. I am associated
5 with as an advocate, stormwater abatement or a
6 stormwater management advocacy effort on behalf of
7 several nonprofit groups. They include the Anacostia
8 Watershed Society, and I am the coordinator for
9 Maryland Stormwater Consortium.

10 I'm here today to present a statement on
11 behalf of the Consortium, and as I had indicated to
12 Mr. Bahr last evening as I went to copy my statement
13 and the attachment my abilities as a IT person were
14 revealed. And so I'm going to have to provide a
15 clear copy of the statement and the attachment. And
16 so Mr. Bahr in turn very kindly informed me that if I
17 were to stop by tomorrow I would find the office
18 closed, and so I therefore have rescheduled my visit
19 and I will send something electronically to our
20 transcriber also and then I'll provide a hard copy
21 care of Mr. Bahr. So that's my mea culpa for the
22 hearing.

1 MR. CLEVINGER: Ray's a nice guy, so
2 he'll be able to accommodate you.

3 MR. GILMORE: He is a very nice guy.
4 Without exception the folks at MDE are nice people.

5 MR. CLEVINGER: You should ask around, by
6 the way, about that.

7 MR. GILMORE: Some of them used to work
8 for my alma matter, the Department of Natural
9 Resources. That was a long time ago.

10 Okay. Let me see if I can get through
11 the statement. There are ten large Maryland counties
12 in Baltimore City for which Phase II MS4 Permits have
13 been issued for more than ten years. Actually there
14 is also a permit issued for the State Highway
15 Administration.

16 These same jurisdictions have substantial
17 population, have had substantial population growth
18 and the accompanying residential and commercial
19 development. Unfortunately for these same
20 jurisdictions stormwater runoff is a continuing
21 source of pollution and waterway damage. Frederick
22 County is among these jurisdictions that has severe

1 stormwater runoff problems which need to be abated.

2 Notice that I said abated, I didn't say
3 solved forever.

4 Frederick County, like the nine other
5 large Maryland jurisdictions, has the opportunity
6 through the reissuance of a strong MS4 Permit under
7 consideration today to restore its waterways to a
8 level where its citizens can use them for enhanced
9 economic and recreational opportunities. In Maryland
10 clean water drives better health and recreation and
11 the resulting economic opportunity. An example of
12 this is the total annual \$3 billion benefit of
13 recreational boating and fishing on Maryland state
14 and local economies. A good MS4 Permit vigorously
15 implemented will result in less stormwater borne
16 pollution and beneficially affect both the county's
17 waterways and Chesapeake Bay.

18 As the fact sheet accompanied the release
19 of this draft permit sets out, and as Ms. Moore
20 emphasized, Frederick County covers an area of 644
21 square miles and has approximately 250 major
22 outfalls. These outfalls, which are pipes or other

1 conveyances into which stormwater empties, discharge
2 polluted stormwater and substantial volumes into the
3 Upper Potomac River Basin, which is one of the ten
4 major basins, one of the ten major tributaries to
5 Chesapeake Bay. Several stream segments in the Basin
6 are adversely affected by fecal bacteria, sediments
7 and nutrients. TMDLs have been approved and
8 wasteload allocations established for portions of
9 Catoctin Creek, Double Pipe Creek, and the Lower and
10 Upper Monocacy River. These stormwater pollution
11 diets are very important, and the MS4 Permit is
12 critical toward meeting them.

13 The Maryland Stormwater Consortium
14 commends the Maryland Department of the Environment
15 for the work it has done to issue more complete draft
16 MS4 Permits to address the growing impact of
17 stormwater runoff. These more complete permit
18 iterations now contain a more specific text to
19 restore in each five-year term 20 percent of the
20 impervious cover, a clear statement that the permit
21 is the backbone to achieving the Chesapeake Bay WIP
22 and TMDL requirements, and the clear requirements to

1 track any stormwater plan waivers and implementation
2 of the Maryland Stormwater Management Act of 2007.

3 The Consortium now would like to present
4 proposed changes to the Frederick County MS4 Permit
5 which will add to its completeness and strength.
6 These recommendations, if adopted, will result in a
7 permit of greater enforceability, accountability and
8 high benefit to cost analysis for implementation.
9 Included with the statement are the recommended
10 language changes which we hope will be adopted.

11 I now will review them for the record.
12 This whole packet will be introduced into the record
13 and then a better packet will be forthcoming.

14 Water Quality Standards. Frederick
15 County must be required to manage, implement and
16 enforce programs, plans and practices in this permit
17 which eliminate non-stormwater discharges into the
18 MS4, and eliminate pollutants in stormwater
19 discharges from the MS4. Compliance with these
20 requirements in Parts IV through VII of the permit
21 will constitute compliance by the county of the Clean
22 Water Act.

1 Restoration Plans, also known as TMDL
2 implementation plans. The permit should require
3 Frederick County to prepare plans as enforceable
4 permit requirements to implement approved TMDL and
5 wasteload allocations with compliance schedules
6 containing the final date for meeting the applicable
7 WLA and interim milestones and numeric benchmarks.
8 These deadlines and requirements must be consistent
9 with the Chesapeake Bay TMDL and the WIP.

10 3. Impervious Surface Restoration. The
11 permit should require as part of the 20 percent
12 impervious surface restoration the use of an
13 environmental site design, unless it can show the
14 infeasibility for its use. At least 1 inch of
15 stormwater from a 24-hour storm must be retained on
16 site.

17 Maintenance, No. 4, Maintenance. The
18 permit must require the County to establish within a
19 set time frame a maintenance plan for county owned
20 and operated maintenance facilities, and other
21 facilities.

22 Monitoring, No. 5. The permit must

1 require the county within two years of the effective
2 date to establish a monitoring program sufficient to
3 assess compliance with all the provisions of the
4 permit, including TMDL restoration plans.

5 6. Public Participation in Restoration
6 Plans and Stormwater Management Programs. The permit
7 must require that public participation plans for
8 restoration and stormwater management programs
9 include any requested public hearing and continual
10 public outreach and public input into such plans and
11 30-day comment periods.

12 7. Maximum Extent Practicable. The
13 permit should require that all stormwater discharges
14 to the MS4 be controlled to the maximum extent
15 practicable, and that periodic evaluations by MDE be
16 undertaken to assure such control is being met.

17 8. Other Management Programs. The
18 permit should require that exemptions under the
19 Stormwater Management Act of 2007 should be
20 justified, and that the associated pollutant loads
21 resulting from such granted exemptions be identified
22 and justified.

1 9. Completion of the Local Code Changes
2 So As Not to Block the Use of Environmental Site
3 Design. The permit should be amended to require the
4 new County government to change local land use and
5 other ordinances within two years, to remove any
6 impediments to the use of the ESD and to the
7 implementation of the 2007 Stormwater Management Act.

8 The Maryland Stormwater Consortium urges
9 MDE to adopt these recommended changes during the
10 period of time after today's public hearing and the
11 issuance of the final permit text. We accompany our
12 request with our commitment to assist both MDE and
13 Frederick County in the full implementation of the
14 permit, particularly in reaching out to citizens for
15 their participation. We greatly appreciate the
16 opportunity to present our views at this public
17 hearing.

18 I'm going to introduce this flawed
19 statement, if I may, and I promise a better iteration
20 thereto.

21 Thank you.

22 MR. CLEVINGER: Mr. Gilmore submitted the

1 statement that he read from. Thanks, Bruce.

2 MR. GILMORE: Thank you.

3 MR. CLEVINGER: William Fadely. I hope I
4 pronounced that right.

5 MR. FADELY: Yep.

6 My name is William Fadely and I'm from
7 Clean Water Action. We just want to take the
8 opportunity to thank you guys today for the
9 opportunity to come here and having the meeting and
10 giving us an opportunity to speak. I'm not going to
11 be nearly as long as Bruce or nearly detailed.

12 Clean Water Action would just like to
13 advocate for the value and significance of a robust
14 MS4 Permit for Frederick County. We just want to
15 echo and support the Consortium's proposed changes to
16 the Frederick County MS4 Permit, which will add to
17 its completeness and strength. Like Bruce said, the
18 recommendations if adopted will result in a permit of
19 greater enforceability, accountability and a higher
20 benefit to the cost for implementation.

21 Thanks.

22 MR. CLEVINGER: Thanks, William.

1 MR. FADELY: Thanks.

2 MR. CLEVINGER: I'm still writing what
3 you just said.

4 Now, it's not clear whether these two
5 others but we'll call you anyway. Chris McGraw?
6 Don't want to? No, okay. Thanks. And Kevin
7 Anderson?

8 MR. ANDERSON: No testimony, thanks.

9 MR. CLEVINGER: No? Okay.

10 So that's it for those who signed it.
11 Anybody else? Elaine? Okay, we'll get to you next.

12 MS. LUTZ: Thanks for accepting these
13 comments. My name is Elaine Lutz, staff attorney
14 Chesapeake Bay Foundation, and my comments will be
15 brief and broad, and we'll be submitting more
16 detailed comments by the end of the formal comment
17 period.

18 Generally what we've been seeking in
19 Frederick County, and other counties subject to the
20 MS4 Permit, is greater accountability, transparency
21 and reassurances of progress, both for the County and
22 then the public and other stakeholders. And the way

1 we think that those goals are achievable is by
2 providing some deadlines and numeric benchmarks, or
3 other interim status updates, for how the County is
4 proceeding over the five-year permit term. Federal
5 and state law does require that when compliance
6 cannot be made within a year, which I think everyone
7 fully understands that 20 percent restoration cannot
8 be done within a year, the law does then require such
9 benchmarks and interim milestones to track progress
10 towards compliance.

11 On the 20 percent restoration, the
12 effectiveness of that number for reaching a, well,
13 any water quality standards or local or abated TMDLs
14 has not really been shown, and we are concerned that
15 at the end of five years this enormous undertaking of
16 20 percent restoration could be accomplished while
17 still being very far from clean waters in local
18 waters and in the Bay.

19 Then that takes me to my third point.
20 The monitoring we feel is not sufficient to
21 demonstrate water quality improvements across the
22 county, and to that point at the end of five years

1 and all this money and time spent in restoration, if
2 we cannot demonstrate that the results are taking us
3 where we need to be then it's going to be impossible
4 to correct the course to get to wasteload allocations
5 required under the Bay TMDL, and then many local
6 streams and rivers in Frederick County that have
7 their own separate TMDLs, which he we think is
8 equally important and required goal of the MS4
9 Permits. It's not just to reach the Bay TMDL, but
10 also the local TMDLs. And if the restoration plans
11 that guide these, this 20 percent restoration are
12 being done outside of public process but then putting
13 certain terms into the permit, that should be a major
14 modification that requires public participation,
15 comments and review.

16 For instance, if a restoration plan is
17 only addressing one watershed, then I think that
18 stakeholders in another watershed would be interested
19 to see how that restoration plan is going to affect
20 their local waters when it's not being addressed.

21 So there are a couple of broad-view
22 points that we'll be elaborating on in some formal

1 comments. But basically the general goal I think for
2 the County, for CBF and for other stakeholders is to
3 be sure that we are making efficient and rapid
4 progress towards wasteload allocations in local and
5 Bay TMDLs, and we're just not confident that this
6 current iteration of the permit allows all these
7 parties to know what the goals are, know how to
8 achieve them, and determine whether they're being
9 reached.

10 So that's all I'll say for now. Thank
11 you.

12 MR. CLEVINGER: Thanks, Elaine.

13 And finally -- I'm sorry, I don't know
14 your name.

15 MS. JOHN: Thank you. My name is Amanda
16 John and I'm a Policy Manager for Potomac
17 Conservancy.

18 I wanted to say thank you to Shannon
19 Moore of Frederick County for calling this public
20 meeting today and for MDE for hosting. I think it's
21 really important to continue the public comment
22 opportunities moving forward as the MS4 process

1 continues as we near final determination. We will
2 submit formal comments by the close of the formal
3 comment period, but I will just make a few brief
4 comments and add that we support the previous
5 statements from the Maryland Stormwater Consortium
6 and Chesapeake Bay Foundation.

7 Specifically, I would just like to
8 request on behalf of the Potomac Conservancy and many
9 of our partners that MDE expeditiously work with
10 Frederick County to review the cost assessment of
11 this MS4 Permit. Previous efforts between the County
12 and MDE to determine discrepancies between the total
13 cost of the WIP implementation definitely slowed down
14 the process for stakeholder engagement and public
15 input. As the County finalizes its assessment I
16 would encourage MDE to meet them at the table and
17 look at the Maryland assessment and scenario tool to
18 seek the greatest amount of performance-based BMP
19 modeling, to seek the greatest cost effective
20 implementation planning around the MS4 20 percent
21 retrofit.

22 In terms of Frederick County's assessment

1 of ESD maximum extent practicability, I would also
2 note that Bruce's recommendation to encourage
3 biannual review of local codes and ordinances that
4 create barriers to the implementation to
5 environmental site design be included in the upcoming
6 permit. We have recently completed an assessment
7 with the Center for Watershed Protection of all nine
8 Maryland counties within the Potomac Watershed to
9 review codified barriers to environmental site
10 design. We have a suite of 12 recommendations coming
11 out of our review of Frederick County's local codes
12 and ordinances with the complete cooperation of the
13 County's Planning Department for access to their
14 local codes, and we would like to see that the permit
15 encourage full adoption and removal of these barriers
16 that were completed with the Center for Watershed
17 Protection's patented codes and ordinance worksheet.

18 Frederick County is the second fastest
19 growing county in the State of Maryland. I think
20 there's a notable point about only 5 percent urban in
21 the MS4 area, but I think as we see growth in
22 population, and in the last few years there have been

1 22 large rezonings of agricultural properties, we
2 will also be seeing an increase in impervious surface
3 as the infrastructure in roads and sewer lines will
4 need to accommodate the rapid rate of development.

5 So I would encourage the full adoption of
6 the previous recommendations from the Maryland
7 Stormwater Consortium and from Chesapeake Bay
8 Foundation, and we will be submitting more
9 comprehensive recommendations before the end of the
10 final comment period.

11 MR. CLEVINGER: Thanks, Amanda.

12 Anybody else like to speak?

13 So everyone knows -- Bruce, you'll have
14 some time to submit your formal, you know, cleaned-up
15 copy. The public record is going to remain open
16 until the 29th of next month, September 29th, 2014.
17 You can submit any formal comments up until then to
18 Ray Bahr, Maryland Department of the Environment,
19 Water Management Administration, Sediment, Stormwater
20 and Dam Safety Program. Our address is 1800
21 Washington Boulevard, Suite 440, Baltimore, Maryland,
22 21230. Ray's e-mail is Raymond.Bahr@Maryland.gov,

1 R-a-y-m-o-n-d.B-a-h-r@Maryland.gov.

2 You can also get more information about
3 the general MS4 program and individual permits,
4 evaluations, prior annual reports on the department's
5 web page at www.mde.state.md.us.

6 After the comment period closes we will
7 develop a response to the comments we've received
8 today and in writing until the 28th of September, and
9 that will be the basis of our final determination to
10 issue the Frederick County's permit.

11 Everyone that's here and signed up on the
12 interested parties -- again we've only got a few
13 names. If you want to be on the interested parties
14 list if you're not already please sign up. You'll
15 get notice of all the actions that we take subsequent
16 to this hearing, so keep that in mind.

17 I'd like to thank Shannon again and Toni
18 for taking note of everything we uttered today, thank
19 you very much. If there's nothing else, then we can
20 close the hearing formally. Thanks.

21 (The public hearing concluded at 10:55
22 a.m.)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

CERTIFICATE OF SHORTHAND REPORTER-NOTARY PUBLIC

I, Toni R. Thompson, RMR, Court Reporter,
the officer before whom the foregoing proceedings was
taken, do hereby certify that the foregoing transcript
is a true and correct record of the proceedings; that
said proceedings were taken by me stenographically and
thereafter reduced to typewriting under my
supervision; and that I am neither counsel for,
related to, nor employed by any of the parties to this
case and have no interest, financial or otherwise, in
its outcome.

IN WITNESS WHEREOF, I have hereunto set my
hand and affixed my notarial seal this 5th day of
September 2014.

My Commission Expires:
January 18, 2017

NOTARY PUBLIC IN AND FOR
THE STATE OF MARYLAND

A			
abated 25:1,2 33:13	Act 7:4 8:15 9:1 20:8 27:2 27:22 29:19 30:7	advocate 23:5 31:13	announcements 7:8
abatement 23:5	Action 4:4 31:7,12	advocates 10:9	annual 10:5,6 25:12 39:4
abating 11:3	actions 7:18 39:15	affect 25:16 34:19	anticipation 22:11
abilities 23:13	activities 15:7	affiliation 23:1	Anybody 32:11 38:12
able 21:4 22:6 24:2	add 27:5 31:16 36:4	affixed 40:15	anyway 32:5
accept 8:9	added 10:16	Agency 8:18	applicable 28:6
accepting 32:12	addition 15:17	ago 24:9	application 9:8
access 16:10 37:13	additional 9:20	agreement 2:9	apply 9:3
accommodate 24:2 38:4	address 22:4 26:16 38:20	agricultural 38:1	appreciate 11:17 22:14 30:15
accompanied 25:18	addressed 19:16 34:20	agriculture 13:2	approach 9:11
accompany 30:11	addressing 34:17	ahead 8:5	appropriately 20:11
accompanying 24:18	adequate 13:22 16:18 21:10	Alliance 13:20 17:9 19:12	approved 10:17 26:7 28:4
accomplish 21:21	administer 8:18	allocations 21:15 26:8 28:5 34:4 35:4	approximately 12:12 25:21
accomplished 33:16	Administration 24:15 38:19	allows 8:13 35:6	area 10:1,21 13:15 16:21 18:3 20:2,7 25:20 37:21
account 17:6	Administrative 7:3 8:15	alma 24:8	areas 11:19 12:3 13:7,8 19:22
accountability 27:7 31:19 32:20	Administrator 6:18	Amanda 3:19 35:15 38:11	Arthur 3:7 6:20
accounting 17:1,2,3	adopt 30:9	amended 30:3	assess 29:3
achievable 20:17 33:1	adopted 8:21 27:6,10 31:18	amount 13:12 20:3 36:18	assessed 14:9
achieve 35:8	adoption 37:15 38:5	Anacostia 23:7	assessing 9:21
achieving 26:21	adversely 26:6	analysis 20:13,16 27:8	assessment 16:10 19:8,9 36:10,15 36:17,22 37:6
acres 16:22 17:7,8,11,12	advertised 7:6	Anderson 3:22 32:7,8	assessments
acronym 6:7	advocacy 23:6	Andrew 3:6 6:19	

15:9,11,17,18 16:2,3	9:4 10:17	BMP	budgeting
assets	Basement	36:18	12:8
19:18	2:4	boating	budgets
assist	basically	25:13	14:17,19
30:12	35:1	Bob	bus
associated	Basin	20:21	18:17
23:4 29:20	26:3,5	bodies	Bush
assure	basins	10:19	15:11,19
29:16	26:4	BOLIN	B-r-u-c-e
attachment	basis	4:7	23:4
5:12 23:13,15	39:9	borne	
attention	Bay	25:15	C
18:7 19:4	4:8 10:20 21:3 25:17	bottom	C
attorney	26:5,21 28:9 32:14	18:8,21	3:1 4:1 5:1 6:1
32:13	33:18 34:5,9 35:5	Boulevard	call
August	36:6 38:7	38:21	7:22 19:3 32:5
1:13 6:3 13:5 17:5	behalf	branches	calling
authority	3:2,9,18,21 4:2,4,6,8	12:19	35:19
8:17 9:13	11:10 23:6,11 36:8	break	candidate
average	benchmarks	12:4	15:9 19:6
14:8,12	28:7 33:2,9	BRENT	capital
aware	beneficially	4:7	17:8,16 19:5
20:4	25:16	Brian	care
a.m	benefit	3:3 6:9 11:16 13:9	23:21
1:14 39:22	25:12 27:8 31:20	bridge	case
B	benefits	18:4	40:12
backbone	17:19	brief	catchment
26:21	Bennett	12:9 32:15 36:3	12:21
background	15:12,20	briefly	catchments
8:16 16:1	best	12:1	12:20
bacteria	16:3	broad	categories
26:6	better	32:15	12:5
Bahr	25:10 27:13 30:19	broad-view	category
3:5 6:14 23:12,16,21	biannual	34:21	20:6
38:18	37:3	broken	Catoctin
Ballenger	big	12:19 14:18	12:15 13:20 26:9
15:11,19 17:17,18	21:12	Bruce	CBF
18:3	billion	4:3 5:13 22:22,22 23:3	35:2
Baltimore	25:12	31:1,11,17 38:13	Census
24:12 38:21	bioretention	Bruce's	9:5
banks	18:12,16	37:2	Center
17:22	birds	BUCCIERO	37:7,16
barriers	18:6	3:12	certain
37:4,9,15	Block	budget	34:13
based	30:2	14:14,15 16:18	CERTIFICATE
			40:2

certify 40:6	CLOSING 5:10	completeness 27:5 31:17	constitute 21:10 27:21
challenges 11:22	Code 30:1	completion 16:17 30:1	constructed 18:16
chance 11:14	codes 37:3,11,14,17	compliance 14:5 16:6 20:9,12 21:11 27:19,21 28:5 29:3 33:5,10	construction 19:1
change 30:4	codified 37:9	comply 13:20	contain 26:18
changes 27:4,10 30:1,9 31:15	Columbia 21:18	comprehensive 9:11 38:9	containing 28:6
channel 17:18	come 11:12 31:9	compromise 21:16	continual 29:9
characterize 9:15	coming 37:10	concerned 20:17 21:3 33:14	continue 35:21
Chesapeake 4:8 10:20 21:3 25:17 26:5,21 28:9 32:14 36:6 38:7	commends 26:14	concerns 20:20 21:6,19	continued 16:14
Chris 3:20 32:5	comment 8:4,9 22:8 29:11 32:16 35:21 36:3 38:10 39:6	concluded 39:21	continues 36:1
Christina 3:8 6:19	comments 5:4 12:9 20:5 32:13,14 32:16 34:15 35:1 36:2,4 38:17 39:7	condition 10:21	continuing 24:20
citizens 10:9 25:8 30:14	commercial 24:18	conditions 10:15 11:2	contributed 17:10
City 24:12	Commission 40:17	conduct 6:5	control 9:16 13:21 14:17,20 29:16
clean 4:4 9:1 20:7 25:10 27:21 31:7,12 33:17	commit 20:15	conducted 15:19	controlled 29:14
cleaned-up 38:14	commitment 16:14 22:9 30:12	confident 35:5	controlling 9:11
clear 23:15 26:20,22 32:4	committed 22:12	congratulated 16:13	cont'd 4:1
Clevenger 3:3 5:3,11 6:2,9 22:16 24:1,5 30:22 31:3,22 32:2,9 35:12 38:11	communities 13:7	Conservancy 3:18 35:17 36:8	conversations 10:8,13
CLIBER 3:16	community 2:2 17:12	CONSERVATION 4:6	conveyances 26:1
close 36:2 39:20	complete 15:5 26:15,17 37:12	consideration 25:7	COOKE 3:11
closed 23:18	completed 15:10 16:21 17:9 37:6 37:16	consistent 28:8	cooperation 37:12
closes 39:6	completely 14:18 22:6	Consortium 4:2 23:9,11 26:13 27:3 30:8 36:5 38:7	coordinated 19:17
		Consortium's 31:15	coordination 13:19
			coordinations 17:20

<p>coordinator 23:8</p> <p>copy 23:12,15,20 38:15</p> <p>corner 19:8</p> <p>correct 13:17 15:4 34:4 40:7</p> <p>correction 13:13</p> <p>cost 14:12,22 15:1,2 20:18 27:8 31:20 36:10,13 36:19</p> <p>Council 20:22</p> <p>counsel 40:10</p> <p>counties 24:11 32:19 37:8</p> <p>county 1:7 2:2 3:9 6:4,22 7:5 7:22 8:10,13 9:6,7,22 10:6,11,19 11:9,10 11:18 12:6,11 13:1,6 13:15 14:5,20 15:14 16:13 17:20 18:13 20:2,21 21:4,12 22:1 22:9 24:22 25:4,20 27:4,15,21 28:3,18 28:19 29:1 30:4,13 31:14,16 32:19,21 33:3,22 34:6 35:2,19 36:10,11,15 37:18,19</p> <p>county's 6:6 9:10 10:1,5,16 11:4 12:2 16:6,8 22:4 25:16 36:22 37:11,13 39:10</p> <p>couple 12:2 17:15 34:21</p> <p>course 34:4</p> <p>Court 2:10 40:4</p>	<p>courtyard 18:17</p> <p>cover 19:19 26:20</p> <p>covers 25:20</p> <p>create 14:6 37:4</p> <p>created 18:2</p> <p>Creek 12:15,15 15:11,12,12 17:17,18 18:3 26:9,9</p> <p>crime 22:7</p> <p>criteria 11:6</p> <p>critical 26:12</p> <p>culpa 23:21</p> <p>current 12:7 14:15 22:9 35:6</p> <p>currently 14:8 15:2 16:19,20 17:1</p> <hr/> <p style="text-align: center;">D</p> <hr/> <p>D 6:1</p> <p>Daily 10:18</p> <p>Dam 6:11,16 38:20</p> <p>damage 24:21</p> <p>DANIEL 3:14</p> <p>DARLENE 3:12</p> <p>data 16:11</p> <p>date 28:6 29:2</p> <p>day 40:15</p>	<p>deadlines 28:8 33:2</p> <p>deal 13:18</p> <p>debris 18:1</p> <p>decision 7:9</p> <p>dedication 11:18</p> <p>deference 8:1</p> <p>definitely 36:13</p> <p>degrading 19:16</p> <p>delegated 8:17</p> <p>demonstrate 33:21 34:2</p> <p>Department 1:2 6:10 7:2,8 24:8 26:14 37:13 38:18</p> <p>department's 7:10,16 39:4</p> <p>design 28:13 30:3 37:5,10</p> <p>designated 9:5</p> <p>detail 19:9</p> <p>detailed 31:11 32:16</p> <p>determination 7:4,10 8:10 12:10 20:6 36:1 39:9</p> <p>determine 35:8 36:12</p> <p>determined 20:16</p> <p>develop 15:9 22:1 39:7</p> <p>developed 11:3 13:7 15:15 17:4</p> <p>development 2:2 15:22 24:19 38:4</p>	<p>diets 26:11</p> <p>DiPasquale 21:2</p> <p>directly 14:17</p> <p>discharge 8:20 11:3 26:1</p> <p>discharges 9:19 13:17 16:9 27:17 27:19 29:13</p> <p>discrepancies 36:12</p> <p>distinct 13:6</p> <p>District 21:18</p> <p>Division 2:3 6:15 17:21</p> <p>Double 12:15 26:9</p> <p>doubled 22:10</p> <p>doubling 10:21</p> <p>draft 10:13 20:11,14 21:8 21:20,22 22:12 25:19 26:15</p> <p>drain 9:2,13,19 11:4</p> <p>drains 11:19</p> <p>drives 25:10</p> <p>due 9:6 20:17</p> <p>duplicate 13:10</p> <hr/> <p style="text-align: center;">E</p> <hr/> <p>E 3:1,1 4:1,1 5:1 6:1,1</p> <p>early 17:2</p>
---	---	--	---

echo 21:6 31:15	36:16 37:2,15 38:5	9:12,17	facilities 18:16,18 28:20,21
economic 25:9,11	endeavors 16:14	estimate 15:4	facility 15:16
economies 25:14	ends 11:7	estimated 14:15,16	fact 14:11 25:18
education 9:18 13:18	enforce 27:16	estimates 12:21 15:3	Fadely 4:5 5:7 31:3,5,6 32:1
effective 29:1 36:19	enforceability 27:7 31:19	evaluations 29:15 39:4	far 15:6 33:17
effectiveness 33:12	enforceable 28:3	EVELYN 3:15	fastest 37:18
efficient 35:3	engagement 36:14	evening 23:12	feasibility 15:22
effort 23:6	enhanced 25:8	events 9:15	feature 18:18
efforts 12:8 22:4 36:11	enhancing 9:15	example 21:17,22 25:11	fecal 26:6
elaborating 34:22	enormous 33:15	examples 17:15	Federal 33:4
Elaine 4:9 32:11,13 35:12	environment 1:2 11:18 26:14 38:18	excellence 16:7	fee 14:11,11
elected 8:1 22:17	environmental 8:17 10:9 28:13 30:2 37:5,9	exception 24:4	feel 33:20
electronically 23:19	Environment's 6:11 7:2	execute 20:14	final 8:21 28:6 30:11 36:1 38:10 39:9
Elementary 17:19	EPA 8:18,22 10:9,17 16:2,5	executing 22:12	finalizes 36:15
elicit 13:17 16:9	equally 34:8	execution 14:12	finalizing 15:2 20:13
eliminate 22:7 27:17,18	ERICA 3:11	exemptions 29:18,21	finally 35:13
eliminating 9:18 22:3	erosion 9:16 13:21 14:20	existing 9:16 13:11 18:14	financial 14:2 40:12
elimination 8:20 22:2	ESD 30:6 37:1	exits 18:19	financing 14:1,7
emergency 18:19	ESQUIRE 4:9	expeditiously 36:9	find 23:17
emphasized 25:20	establish 28:18 29:2	Expires 40:17	finished 7:21
employed 40:11	established 26:8	extent 10:2 20:7,14 22:13 29:12,14 37:1	first 6:21 9:10 20:6
empties 26:1	establishes 20:8	e-mail 38:22	fish 18:6
encourage	establishing		
		<hr/> F <hr/>	

fishing 25:13	27:4,14 28:3 30:13 31:14,16 32:19 34:6 35:19 36:10,22 37:11 37:18 39:10	35:1	H
five 10:3 12:13 33:15,22	front 18:22	goals 33:1 35:7	habitat 18:5
five-year 11:1 26:19 33:4	full 30:13 37:15 38:5	going 6:5 12:4 13:10 21:4 23:14 30:18 31:10 34:3,19 38:15	hand 40:15
flawed 30:18	fully 33:7	good 6:2 25:14	happens 8:4
floatables 22:1,3	funded 14:10	government 10:10 30:4	happy 19:11
folks 24:4	funding 13:22 14:1 21:21	Governments 20:22	hard 23:20
following 19:1	further 7:18 12:19	GOVERNMENT'S 1:7	HB 14:6
foregoing 40:5,6	future 11:22	GOVERNMENT-O... 3:9	head 21:2
forest 13:1	FY 14:13,14,15	granted 29:21	health 25:10
forever 25:3	<hr/> G <hr/>	great 13:18	heard 20:20
formal 32:16 34:22 36:2,2 38:14,17	G 6:1	greater 9:3 27:7 31:19 32:20	hearing 3:3 6:6,12 7:1,15 8:8 8:11,13 23:22 29:9 30:10,17 39:16,20,21
formally 39:20	general 20:5,6 35:1 39:3	greatest 36:18,19	Heather 3:13 13:17
forthcoming 27:13	Generally 32:18	greatly 17:11 30:15	held 2:1 8:11 10:7
forward 11:21,21 35:22	generates 14:8	groups 23:7	hereunto 40:14
foundation 4:8 9:11 32:14 36:6 38:8	Gilmore 4:3 5:6,13 22:22 23:3 23:4 24:3,7 30:22 31:2	grow 18:10	he'll 24:2
four 16:3	GIS 16:8	growing 26:16 37:19	high 18:11 27:8
fourth 10:5,6	give 7:14 8:1,3 11:13	growth 9:5 24:17 37:21	higher 31:19
frame 28:19	given 7:13	guidance 17:5	highlight 12:7
Frederick 1:7,12 2:2,5 3:9 6:4,6 6:22 7:5,6 8:10,13 9:6 10:5,11,16 11:4,9 11:18 12:2,6,11 14:5 16:5,8 17:20 18:13 22:8 24:21 25:4,20	giving 31:10	guide 34:11	highlights 19:21
	go 8:5,6 12:13 14:2 22:19	guy 24:1,3	Highway 24:14
	goal 16:17,19,21 22:2 34:8	guys 31:8	hinge 17:2
		G-i-l-m-o-r-e 23:4	holding 7:2

<p>honor 8:11</p> <p>hope 27:10 31:3</p> <p>hosting 35:20</p> <p>Hoyt 20:21</p> <hr/> <p style="text-align: center;">I</p> <hr/> <p>identification 13:13</p> <p>identified 29:21</p> <p>identify 13:16 15:8 23:1</p> <p>identifying 9:14</p> <p>II 24:12</p> <p>III 20:10 21:8</p> <p>illegal 9:18</p> <p>immediately 18:9 19:1</p> <p>impact 26:16</p> <p>impairments 10:18 13:13</p> <p>impediments 30:6</p> <p>impervious 10:1,21 13:15 16:21 26:20 28:10,12 38:2</p> <p>implement 27:15 28:4</p> <p>implementation 16:15 21:9 27:1,8 28:2 30:7,13 31:20 36:13 36:20 37:4</p> <p>implemented 25:15</p> <p>important 20:1 26:11 34:8 35:21</p> <p>impossible</p>	<p>21:20 34:3</p> <p>improved 18:5</p> <p>improvement 17:8 19:5</p> <p>improvements 33:21</p> <p>inch 28:14</p> <p>include 12:14 17:7 21:14 23:7 29:9</p> <p>included 9:21 20:10 27:9 37:5</p> <p>includes 13:14</p> <p>including 10:10 13:19 29:4</p> <p>increase 38:2</p> <p>indicated 23:11</p> <p>individual 10:9 39:3</p> <p>infeasibility 28:14</p> <p>information 39:2</p> <p>informed 23:16</p> <p>infrastructure 9:13 38:3</p> <p>initial 9:8</p> <p>input 29:10 36:15</p> <p>inspection 16:5,11</p> <p>install 18:4</p> <p>instance 34:16</p> <p>instances 15:18</p> <p>interest</p>	<p>40:12</p> <p>interested 7:8,16 34:18 39:12,13</p> <p>interim 28:7 33:3,9</p> <p>introduce 6:14 30:18</p> <p>introduced 27:12</p> <p>issuance 30:11</p> <p>issue 7:4,10,19 8:10 21:12 22:5,5 26:15 39:10</p> <p>issued 9:8 21:18 24:13,14</p> <p>issues 20:18</p> <p>item 21:7</p> <p>items 14:2 16:16</p> <p>iteration 30:19 35:6</p> <p>iterations 26:18</p> <p>IV 21:9 27:20</p> <p>IV.D 20:10</p> <p>IV.E 20:11</p> <hr/> <p style="text-align: center;">J</p> <hr/> <p>jams 18:1</p> <p>January 40:18</p> <p>Job 1:19</p> <p>John 3:19 5:9 35:15,16</p> <p>July 8:12</p> <p>June 7:7,7</p>	<p>jurisdictions 21:6 24:16,20,22 25:5</p> <p>justified 29:20,22</p> <hr/> <p style="text-align: center;">K</p> <hr/> <p>keep 39:16</p> <p>Kevin 3:22 32:6</p> <p>kind 17:1 19:20 22:5</p> <p>kindly 23:16</p> <p>kinds 19:11</p> <p>know 11:13 35:7,7,13 38:14</p> <p>known 28:1</p> <p>knows 13:18 38:13</p> <hr/> <p style="text-align: center;">L</p> <hr/> <p>laid 9:10</p> <p>land 13:3 30:4</p> <p>landscaping 18:18</p> <p>language 21:16 27:10</p> <p>large 24:11 25:5 38:1</p> <p>largely 10:17</p> <p>law 33:5,8</p> <p>LEAGUE 4:6</p> <p>left 6:14 18:8,21</p> <p>legal 9:12 20:9,12 21:13</p> <p>level 2:4 12:22 25:8</p>
--	--	---	---

line 18:2 19:18	15:7 25:21 26:4,4 34:13	MDE 3:2 6:13 8:14 9:5 10:7 16:12 20:10 24:4 29:15 30:9,12 35:20 36:9,12,16	9:14 13:12 28:22 29:2 33:20
lines 38:3	majority 14:9		Monocacy 12:14,15 13:19 15:12 15:13 16:4 26:10
Linganore 15:12,19 19:4,7	making 35:3	MDE's 7:8 8:9	Montgomery 3:13 13:17 20:21 21:4
LISA 3:17	manage 27:15	mea 23:21	month 38:16
list 7:9,16 13:9 15:9 39:14	managed 10:1	mechanism 14:7	Moore 3:10 5:5 6:21 8:12 11:9,16 25:19 35:19
litter 22:1,3	management 9:17 12:18 15:16 17:22 23:6 27:2 29:6 29:8,17,19 30:7 38:19	meet 8:14 21:4 36:16	morning 6:2
loading 12:20	Manager 6:10,15 35:16	meeting 1:11 2:1 11:5 26:12 28:6 31:9 35:20	move 11:21
loadings 12:4	mapping 9:13 13:12	meetings 10:8,12	moving 35:22
loads 10:18 29:20	maps 12:3	MEP 20:8,10,12	MS4 1:7 6:8 7:6 8:10 9:8 10:11 12:2 13:4 14:10 15:1 16:6,12 20:9 21:13,18 22:9 22:11 24:12 25:6,14 26:11,16 27:4,18,19 29:14 31:14,16 32:20 34:8 35:22 36:11,20 37:21 39:3
local 10:10,18 25:14 30:1,4 33:13,17 34:5,10,20 35:4 37:3,11,14	March 9:20 10:7	met 22:9 29:16	
logistics 8:4	Maria 3:4 6:16 7:1	Metropolitan 20:22	
long 24:9 31:11	Market 2:4	MICHAEL 3:15	
look 11:20 18:18 36:17	Maryland 1:2,12 2:5,11 4:2,6 6:5 6:10 8:16 23:9 24:11 25:5,9,13 26:13,14 27:2 30:8 36:5,17 37:8,19 38:6,18,21 40:22	Michelle 3:7 6:20	
lot 12:20 18:17 19:10	Maryland's 7:3 8:14	miles 12:12,12 25:21	MS4s 7:19
Lower 12:14 15:11,11,13,19 16:4 26:9	materials 22:2	milestones 28:7 33:9	multiple 17:19
Lutz 4:9 5:8 32:12,13	matter 24:8	million 14:13,14,15	municipal 6:6 7:5 9:4 16:15
Lyerly 3:8 6:20	maximum 10:2,17 20:7,14 22:13 29:12,14 37:1	mind 39:16	municipalities 13:3
M	McGRAW 3:20 32:5	minutes 6:4	municipality 9:6
magnitude 15:3		modeling 36:19	N
main 19:18		modification 34:14	N 3:1 4:1 5:1,1 6:1
maintenance 16:18 28:17,17,19,20		money 34:1	name 6:9 23:3 31:6 32:13 35:14,15
major		monitoring	names

<p>39:13 nation 16:3 National 8:19 Natural 24:8 near 36:1 nearly 31:11,11 necessary 9:12 15:21 need 25:1 34:3 38:4 needs 11:1 neither 40:10 never 22:3,6 new 9:17 17:5 30:4 News-Post 7:7 nice 24:1,3,4 Nicholas 21:2 nine 6:3 25:4 37:7 nonprofit 23:7 non-municipal 13:4 non-stormwater 27:17 North 2:4 notable 37:20 notarial 40:15 Notary 2:10 40:21</p>	<p>note 20:19 37:2 39:18 noted 16:7,16 notice 25:2 39:15 notices 7:18 November 8:22 9:9 NPDES 8:18,19 9:4 10:3 12:18 13:9,11 14:10 number 33:12 numeric 28:7 33:2 numerous 10:8 nutrient 19:16 nutrients 10:19 26:7</p> <hr/> <p style="text-align: center;">O</p> <hr/> <p>O 5:1 6:1 obligation 8:14 occur 11:1 22:3 office 2:1 17:13 23:17 officer 3:3 6:12 40:5 officials 8:2 10:10 22:18 okay 24:10 32:6,9,11 open 38:15 OPENING 5:2 operated 28:20 opportunities</p>	<p>19:10 25:9 35:22 opportunity 7:13,14 25:5,11 30:16 31:8,9,10 order 15:3 ordinance 37:17 ordinances 30:5 37:3,12 organisms 18:6 organization 23:2 ORR 3:17 outcome 40:13 outfalls 25:22,22 outreach 13:19 29:10 outside 34:12 overview 12:7 19:20 owned 28:19 owners 9:2 o'clock 6:4</p> <hr/> <p style="text-align: center;">P</p> <hr/> <p>P 3:1,1 4:1,1 6:1 packet 27:12,13 page 5:2 7:11 39:5 Pages 1:20 Park 19:15 Parks 17:22 18:3 19:17</p>	<p>part 9:2 10:4 15:15 21:8 28:11 participation 29:5,7 30:15 34:14 particular 16:16 19:14 21:7 particularly 30:14 parties 7:9,16 35:7 39:12,13 40:11 partnered 18:13 partners 17:9,14 36:9 Parts 20:10 21:9 27:20 patented 37:17 pavers 18:19 Pay 18:7 pedestrian 18:4 penny 14:9 people 8:2 20:3 24:4 percent 9:22 10:22,22 13:1,2,2 13:14 15:14 21:5 26:19 28:11 33:7,11 33:16 34:11 36:20 37:20 performance-based 36:18 period 30:10 32:17 36:3 38:10 39:6 periodic 29:15 periods 29:11</p>
--	--	--	---

permit 1:7 6:7,17 7:6,9 8:10 9:4,8,10,19,20 10:11 10:13,17,21 11:1,2 12:2 13:11 14:12 15:1,3,20 16:12,17 16:20 20:11,15 21:5 21:8,13,18,20,22 22:11,12 24:14 25:6 25:14,19 26:11,17,20 27:4,7,16,20 28:2,4 28:11,18,22 29:4,6 29:13,18 30:3,11,14 31:14,16,18 32:20 33:4 34:13 35:6 36:11 37:6,14 39:10	18:20 point 33:19,22 37:20 points 34:22 policing 22:6 Policy 35:16 pollutant 8:20 12:4 29:20 pollutants 11:3 27:18 polluted 26:2 pollution 9:14 19:17 24:21 25:16 26:10 pond 18:15,22 population 9:7 13:4 24:17,17 37:22 populations 9:3 porous 18:19 portion 14:19 portions 26:8 post 17:4 Potomac 3:18 12:16 26:3 35:16 36:8 37:8 practicability 20:7 37:1 practicable 10:2 20:14,16 22:13 29:12,15 practices 27:16 prepare 28:3	prepared 7:20 8:6 11:7 present 7:22 22:18 23:10 27:3 30:16 presentation 12:5 20:21 PRESENTATIONS 5:4 presented 21:1 previous 36:4,11 38:6 prior 17:2 39:4 probably 7:18 problems 15:8,10 25:1 Procedures 7:4 8:15 proceeding 33:4 proceedings 40:5,7,8 process 15:2 34:12 35:22 36:14 program 6:10,12,15,16,18 8:19 10:12 13:16 14:10 16:6,8,8,10,15 19:21 21:3 22:1,10,10 29:2 38:20 39:3 programs 9:17,17 12:7 20:15 27:16 29:6,8,17 progress 21:10 32:21 33:9 35:4 project 15:22 17:17 18:13 19:3,5,14,15 projections 9:5 projects	15:21 17:6,7,8,8,13,15 promise 30:19 pronounced 31:4 properties 38:1 proposed 27:4 31:15 protect 19:17 protected 18:2 Protection 8:18 37:7 Protection's 37:17 provide 23:14,20 provided 13:22 17:19 18:19 providing 9:18 33:2 provisions 29:3 public 1:11 2:1,10 6:5 8:3,9 13:18 16:10 17:20 18:13 29:5,7,9,10,10 30:10,16 32:22 34:12 34:14 35:19,21 36:14 38:15 39:21 40:2,21 publications 19:11 publicized 7:9 published 17:5 purpose 8:8 Pursuant 2:9 putting 34:12
			<hr/> Q <hr/>

quality 9:21 11:5 18:15,17 21:10,11,14 27:14 33:13,21	16:2 recommendation 37:2 recommendations 27:6 31:18 37:10 38:6 38:9 recommended 27:9 30:9 record 7:21 27:11,12 38:15 40:7 recreation 25:10 recreational 25:9,13 reduce 13:14 reduced 17:22 40:9 reduction 16:21 references 20:10 21:14 reflect 20:12 regardless 22:4 Region 16:5 21:17 regulations 8:21 9:1 13:21 reissuance 25:6 reissued 9:19,20 related 40:11 release 25:18 remain 38:15 remaining 11:2 REMARKS 5:2,10	removal 37:15 remove 30:5 removed 18:1 RENEWAL 1:7 report 10:5,6 Reported 1:21 Reporter 2:10 40:4 REPORTER-NOT... 40:2 reports 39:4 representing 8:13 request 8:11 30:12 36:8 requested 29:9 require 28:2,11,18 29:1,7,13 29:18 30:3 33:5,8 required 9:1 10:4 15:8,20 27:15 34:5,8 requirement 10:22 13:14 14:6 21:13 requirements 9:21 13:10 17:3 26:22 26:22 27:20 28:4,8 requires 21:22 34:14 rescheduled 23:18 residential 24:18 resources 22:10 24:9 response	39:7 restoration 10:22 12:3,8,21 15:7 15:16 16:17,22 17:12 17:17 19:4,6,7,10,15 28:1,10,12 29:4,5,8 33:7,11,16 34:1,10 34:11,16,19 restore 25:7 26:19 restored 17:18 restoring 9:22 result 10:12 25:15 27:6 31:18 resulting 25:11 29:21 results 34:2 retained 28:15 retrofit 15:17 18:12 19:7 21:5 36:21 revealed 23:14 review 6:15 16:12 27:11 34:15 36:10 37:3,9 37:11 rezonings 38:1 right 19:6 31:4 right-hand 19:8 River 12:15,16 15:13 16:4 26:3,10 rivers 34:6 RMR 1:21 2:10 40:4
<hr/> R <hr/>			
R 1:21 2:9 3:1 4:1 6:1 40:4 ranging 13:6 rapid 35:3 38:4 rate 14:9 38:4 Ray 6:14,17 38:18 RAYMOND 3:5 Raymond.Bahr@M... 38:22 Ray's 24:1 38:22 reach 34:9 reached 35:9 reaching 30:14 33:12 read 7:20 8:6 31:1 really 33:14 35:21 reapplication 10:4 reason 14:16 reasonable 21:16 reassurances 32:21 received 39:7 receiving 11:5 recognized			

<p>road 19:18 roads 38:3 robust 13:16 16:8 31:13 room 7:1 17:10 runoff 9:12,15 24:20 25:1 26:17 rural 13:7 R-a-y-m-o-n-d.B-a-... 39:1</p> <hr/> <p style="text-align: center;">S</p> <hr/> <p>S 3:1 4:1 5:1 6:1 Safety 6:11,16 38:20 SALTZBERG 3:14 sample 16:9 saved 18:3 scenario 36:17 schedules 28:5 scheduling 20:18 school 17:19 18:11,20 Schools 17:21 18:14 seal 40:15 second 12:6 37:18 Secretary 21:1 Section 8:22 20:8 sediment</p>	<p>6:11,15 9:16 13:21 14:20 18:1 19:16 38:19 sediments 10:20 26:6 see 24:10 34:19 37:14,21 seeing 38:2 seek 36:18,19 seeking 32:18 segments 26:5 selected 19:14 send 23:19 sent 7:8 separate 6:7 7:5 34:7 September 38:16 39:8 40:16 serving 9:2 set 28:19 40:14 sets 25:19 setting 6:22 severe 24:22 sewer 6:7 7:5 18:2 38:3 Shannon 3:10 6:21 8:12 11:8,9 11:15 22:16 35:18 39:17 share 19:11 sheet 11:11 25:18</p>	<p>SHORTHAND 40:2 show 28:13 showed 19:9 shown 33:14 side 14:1 sign 7:17 39:14 signed 7:12,13 11:11 22:20 32:10 39:11 significance 31:13 significant 10:15,20 20:3 sign-up 11:11 similar 22:5 site 28:13,16 30:2 37:5,9 sites 19:6 sitting 6:17 slowed 36:13 small 13:7 smaller 12:18,19 Society 23:8 Solid 17:21 solutions 15:10,15 solved 25:3 sorry 35:13</p>	<p>source 24:21 sources 9:14 speak 7:12,14,15 11:9,11,13 22:18 31:10 38:12 speakers 22:20 specific 26:18 Specifically 36:7 spent 20:2 34:1 sponsored 17:13 square 12:12 25:21 stabilized 17:22 staff 12:17 32:13 stakeholder 36:14 stakeholders 32:22 34:18 35:2 standard 20:9,12 standards 17:1 21:11,11,14 27:14 33:13 stands 8:19 started 18:9 state 2:11 8:19 12:13 24:14 25:13 33:5 37:19 40:22 statement 5:13 7:20 8:6 11:8 23:10,12,15 24:11 26:20 27:9 30:19 31:1</p>
---	---	--	--

<p>statements 36:5 states 8:17 16:13 21:8 State's 11:5 14:6 status 33:3 stenographically 40:8 stop 23:17 storm 6:7 7:5 9:2,13,14,18 11:4 28:15 stormwater 4:2 6:11,16 8:21 9:4 9:16 10:16 14:7 15:16 16:15 17:3 18:12,15 23:5,6,9 24:20 25:1,15 26:1,2 26:10,13,17 27:1,2 27:18 28:15 29:6,8 29:13,19 30:7,8 36:5 38:7,19 stream 12:13 15:16 17:17 18:1,2 19:4,15,16 26:5 streams 34:6 street 2:4 14:21 17:11 strength 16:9 27:5 31:17 strong 25:6 stuffy 11:7 subdivided 12:17 subject 32:19 submit 36:2 38:14,17</p>	<p>submits 21:12 submitted 8:12 9:7 10:4,6 30:22 submitting 32:15 38:8 subsequent 39:15 substantial 13:12 24:16,17 26:2 suffice 13:11 sufficient 29:2 33:20 suggested 8:3 suite 37:10 38:21 Summers 21:1 supervision 40:10 support 21:15 31:15 36:4 sure 35:3 surface 28:10,12 38:2 surprise 14:3 SUZANNE 3:16 sweeping 14:21 17:12 system 6:7 7:6 8:20 9:13,19 11:4 systems 9:2</p> <hr/> <p style="text-align: center;">T</p> <hr/> <p>T 5:1,1 table 15:1 36:16 Tagoe</p>	<p>3:6 6:19 take 6:6 10:13 14:19 15:21 31:7 39:15 taken 40:6,8 takes 33:19 talk 8:5 20:1 ten 14:13 24:11,13 26:3,4 tentative 7:4,10 8:9 12:9 20:5 term 11:1 21:5 26:19 33:4 terms 20:17 34:13 36:22 testimony 32:8 tests 21:20 text 26:18 30:11 thank 6:21 11:16,16 17:11 22:14 30:21 31:2,8 35:10,15,18 39:17,18 thanks 22:16 31:1,21,22 32:1 32:6,8,12 35:12 38:11 39:20 thereto 30:20 they'd 8:3 things 16:7 think 14:3 20:1 33:1,6 34:7 34:17 35:1,20 37:19 37:21 third 12:9 33:19 Thompson</p>	<p>1:21 2:10 40:4 thought 19:22 three 8:2 12:5 22:19 Thursday 1:13 6:3 time 10:7 21:21 22:15,17 24:9 28:19 30:10 34:1 38:14 TMDL 21:15 26:22 28:1,4,9 29:4 34:5,9 TMDLs 10:18 26:7 33:13 34:7 34:10 35:5 today 6:3,12,13 10:14 11:17 22:15 23:10 25:7 31:8 35:20 39:8,18 today's 8:8 30:10 tomorrow 23:17 Toni 1:21 2:9 39:17 40:4 tool 36:17 total 10:17 25:12 36:12 track 27:1 33:9 Trail 18:3 transcriber 23:20 transcript 40:6 transparency 32:20 treat 18:17 treated 18:14,15</p>
---	--	--	---

<p>tributaries 26:4 TROUT 3:21 true 40:7 tune 18:5 turn 23:16 two 16:16,18 22:21 29:1 30:5 32:4 two-part 9:7 two-year 9:7 type 18:12 typewriting 40:9</p> <hr/> <p style="text-align: center;">U</p> <hr/> <p>ultra 13:8 understands 33:7 undertaken 29:16 undertaking 33:15 Unfortunately 24:19 United 8:17 units 12:18 unlimited 3:21 21:21 untreated 13:15 upcoming 37:5 update 12:1 updates</p>	<p>33:3 upper 12:14 15:12 19:8 26:3 26:10 urban 9:15 13:2,3,4,8,15 37:20 Urbana 18:11 urges 30:8 use 25:8 28:12,14 30:2,4,6 Utilities 17:21 utility 14:7 utilized 14:11 uttered 39:18</p> <hr/> <p style="text-align: center;">V</p> <hr/> <p>value 31:13 version 10:16 views 30:16 vigorously 25:14 VII 20:11 21:9 27:20 visit 23:18 volume 18:15 volumes 26:2 VOTERS 4:6</p> <hr/> <p style="text-align: center;">W</p> <hr/> <p>waivers 27:1 want</p>	<p>7:16 11:13 20:19 31:7 31:14 32:6 39:13 wanted 12:1 14:2 19:3 35:18 wants 7:22 Warburton 3:4 6:16 7:1 Washington 20:22 38:21 Waste 17:21 wasteload 21:15 26:8 28:5 34:4 35:4 water 4:4 9:1,21 10:18 11:5 19:18 20:8 21:10,11 21:14 25:10 27:14,22 31:7,12 33:13,21 38:19 waters 33:17,18 34:20 watershed 13:20 15:6,8,18 16:1,3 16:10 17:9 19:12 23:8 34:17,18 37:7,8 37:16 watersheds 12:13,17 15:13 watershed's 19:7 waterway 24:21 waterways 25:7,17 way 24:6 32:22 web 7:11 39:5 website 19:13 welcome 6:2 went</p>	<p>13:9 23:12 we'll 7:14,21 8:5,6 11:13 22:19 32:5,11,15 34:22 we're 6:4 15:1,8 20:19 35:5 we've 12:3,19 15:10,18 17:16 18:11 32:18 39:7,12 WHEREOF 40:14 William 31:3,6,22 WIP 26:21 28:9 36:13 wish 7:14 WITNESS 40:14 WLA 28:7 work 12:21 13:12 19:22 20:3 24:7 26:15 36:9 worked 11:20 working 11:4,21 worksheet 37:17 writing 32:2 39:8 www.mde.state.md.us 39:5 www.watershed-alli... 19:13</p> <hr/> <p style="text-align: center;">Y</p> <hr/> <p>year 10:5,6 14:8,14 33:6,8 years 10:3 14:13 24:13 29:1 30:5 33:15,22 37:22 Yep</p>
--	--	---	--

31:5	14:15	28th	58
<hr/>	18	6:3 7:7 39:8	13:1
\$	40:18	29th	<hr/>
\$2.5	1800	38:16,16	6
14:13	38:20	<hr/>	6
\$3	1990	3	5:3 29:5
25:12	8:22 9:4	3	60
\$3.6	1994	16:5 21:17 28:10	15:13
14:14	9:9	30	644
\$415,000	<hr/>	2:4	25:20
18:5	2	30th	664
\$488	20	7:7	12:12
14:8	10:22 12:18 21:5	30-day	672-acre
\$5.35	26:19 28:11 33:7,11	29:11	16:20
14:15	33:16 34:11 36:20	301.600.1153	<hr/>
<hr/>	2002	2:6	7
1	9:20	31	7
1	2006	5:7	29:12
1:20 28:14	10:7	32	713
1st	2007	5:8	16:22
13:5	27:2 29:19 30:7	35	<hr/>
1-251521	2011	5:9 13:1	8
1:19	17:2,4	38	8
10	2012	5:11	29:17
6:4 9:22 10:22 13:14	16:2,4 21:17	<hr/>	8th
10:00	2013	4	10:7
1:14	16:12	28:17	81,889
10:55	2014	40	13:5
39:21	1:13 6:3 7:7 8:12 13:5	1:20	<hr/>
100,000	38:16 40:16	402(p)	9
9:3	2017	8:22	30:1
11	40:18	402(p)(3)(b)(iii)	987
5:5	21230	20:8	14:6
11th	38:22	413	
8:12	21701	17:12	
12	2:5	440	
37:10	22	38:21	
125	38:1	<hr/>	
17:7	23	5	
129	5:6	13:2 28:22 37:20	
17:8	24-hour	5th	
14	28:15	40:15	
14:13,14	250	55	
1400	25:21	17:11	
12:12	28		
15	1:13		