



Stormwater Management Coalition

Exploratory Meeting

February 25, 2019

Agenda

- **7:00 PM: Opening Comments/Introductions (Ann Fligsten, GAN)**
- **7:15 PM: Presentation/Q&A (Steve Miller, BCC)**
- **8:00 PM: Discussion (Ann Fligsten)**
- **8:45 PM: Next Steps/Closing Comments (Ann Fligsten)**

Purpose

- **Review current state of stormwater management activities, issues and agendas**
- **Identify key stormwater action items**
- **Discuss resources available to succeed**
- **Discuss pros and cons of coalescing efforts towards a common stormwater agenda**
- **Decide on action plan**

Example Stormwater Issues



Right to Discharge Issue



Sediment Control Issue



Maint & Enforcement Issue



Increased Outfall Issue

Example Stormwater Issue



Active Construction Site - Examples of Water Run Off into Lake Ogleton
Fusco Athletic Complex Sediment Trap C



Stormwater Enforcement

FY17

- **Development**
 - Formal Complaints: 529
 - Stop Work Orders: 138
 - Fines: \$3,000
 - Civil Penalties: Unk
- **Triennial Inspections (Private)**
 - Correction Notices: 504
 - NOVs issued: 27
 - Private repair cost: \$Unk

FY18

- **Development**
 - Formal Complaints: 406
 - Stop Work Orders: 111
 - Fines (and Defaults): \$3,000 (\$33,375)
 - Civil Penalties: Unk
- **Triennial Inspections (Private)**
 - Correction Notices: 359
 - NOVs issued: 27
 - Private repair cost: \$Unk

What Enforcement Actions & Results Are Desired?

Activities

- **County has ~ 24K stormwater facilities; number growing rapidly**
- **AAC Stormwater Fee Advisory Council has been inactive**
- **GDP update in progress; Chp 10 Water Resources Plan important**
- **I&P Stormwater Work Group identified 13 Action Items**
- **Transition Committee(s) studied stormwater issues – 1 Mar Report**
- **CE Pittman initiatives:**
 - **New position of Environmental Policy Director**
 - **Maintenance bond proposed for new stormwater management BMPs**
- **Director OP&Z holding monthly outreach meetings**
- **Upcoming change in I&P Director**
- **Stormwater getting Press attention**
- **Others?**

Who Is Concerned With These Documents?

- **AAC Code Article 16 Floodplain Management, Erosion and Sediment Control, and Stormwater Management (I&P)**
- **AAC Stormwater Management Practices and Procedures Manual (I&P)**
- **AAC General Development Plan, Chp 10, Water Resources Plan (OP&Z)**
- **AAC Chesapeake Bay TMDL Phase II Watershed Implementation Plan, July 2012 (DPW)**
- **AAC Comprehensive Watershed Management Studies and Plans (DPW)**
- **Anne Arundel County 2018 – 2019 Programmatic Two-Year Milestones January 2018 – December 2019 (DPW)**
- **Condition Summary of the Anne Arundel County Long Term Biological Monitoring Sites: 2016 Results (WPRP)**
- **Watershed Stewards Academy Curriculum (WPRP & WSA)**
- **AAC 2018 A Land of Rivers Annual Report (WPRP)**
- **AAC 2018 NPDES MS4 Annual Report (WPRP)**
- **AAC 2018 Septic Task Force Final Report (DPW, Health, OP&Z)**

Who Is Supporting Stormwater Legislation?

- **State (2019 only)**

- SB505 CF Sen Elfreth. Environmental Violations – Reporting Requirements
- HB 410 CF Del Impallaria. Task Force on Prohibiting Debris From Entering Storm Drains or Stormwater Into Inlets
- HB190 Del Laffety. Environment - Failing On-Site Sewage Disposal System - Definition

- **County (2015 – present)**

- 96-18 Trumbauer. Floodplain Management, Erosion and Sediment Control, and Stormwater Management – allows for the assessment of civil fines for certain erosion and sediment control violations outside of the critical area. Defeated
- 83-15 CE. Erosion and Sediment Control – Plans and Permits. Amend definitions, define certain terms, add new requirements, etc. Passed
- 104-15 Trumbauer. Stormwater Mgt – Coal Tar Pavement Products. Prohibition sale & use, establish penalties, etc. Passed

- **City of Annapolis (2019 only)**

- R-46-18 Alderman Arnett. Application of the City of Annapolis Stormwater Regulations. Meet more than min requirements – New Developments & Restoration. Passed

Who Is Influencing Stormwater Budget?

Project Class Summary			Council Approved					
Project Class	Total	Prior	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
General County	\$431,206,059	\$219,285,059	\$64,208,000	\$36,583,000	\$36,096,000	\$26,775,000	\$24,945,000	\$23,314,000
Public Safety	\$164,626,691	\$83,207,691	\$23,909,000	\$20,619,000	\$15,641,000	\$8,475,000	\$4,625,000	\$8,150,000
Recreation & Parks	\$239,900,159	\$96,281,159	\$25,644,000	\$47,466,000	\$27,502,000	\$14,357,000	\$20,870,000	\$7,780,000
Roads & Bridges	\$433,492,536	\$202,808,536	\$42,786,000	\$43,776,000	\$54,618,000	\$30,088,000	\$30,281,000	\$29,135,000
Traffic Control	\$37,321,808	\$16,561,808	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000
Dredging	\$26,868,883	\$14,426,883	\$6,442,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000
Water Quality Improvements	\$16,461,773	\$14,881,773	\$1,580,000	\$0	\$0	\$0	\$0	\$0
Stormwater Runoff Controls	\$4,939,622	\$4,992,622	(\$53,000)	\$0	\$0	\$0	\$0	\$0
Special Benefit Districts	\$648,700	\$648,700	\$0	\$0	\$0	\$0	\$0	\$0
School Off-Site	\$2,578,978	\$1,078,978	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Board of Education	\$1,837,802,213	\$1,099,129,503	\$181,382,710	\$119,797,000	\$66,436,000	\$158,144,000	\$136,155,000	\$76,758,000
Community College	\$158,163,000	\$42,611,000	\$27,362,000	\$51,062,000	\$29,138,000	\$1,181,000	\$3,427,000	\$3,382,000
Library	\$46,829,065	\$42,822,065	\$957,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,650,000
Sub-Total General County	\$3,400,839,488	\$1,838,735,778	\$377,927,710	\$324,563,000	\$234,691,000	\$244,280,000	\$225,563,000	\$155,079,000
Waste Management	\$79,210,633	\$49,301,633	\$2,183,000	\$21,966,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000
Sub-Total Solid Waste	\$79,210,633	\$49,301,633	\$2,183,000	\$21,966,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000
Wastewater	\$975,765,473	\$715,177,473	\$44,829,000	\$85,482,000	\$36,568,000	\$31,339,000	\$36,600,000	\$25,770,000
Water	\$491,614,384	\$272,463,384	\$31,477,000	\$51,882,000	\$52,342,000	\$34,958,000	\$24,143,000	\$24,349,000
Sub-Total Utility	\$1,467,379,857	\$987,640,857	\$76,306,000	\$137,364,000	\$88,910,000	\$66,297,000	\$60,743,000	\$50,119,000
Watershed Protection & Restor.	\$300,574,601	\$261,995,601	\$7,744,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000	\$5,367,000
Sub-Total Watershed Protection	\$300,574,601	\$261,995,601	\$7,744,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000	\$5,367,000
Grand-Total	\$5,248,004,579	\$3,137,673,869	\$464,160,710	\$490,260,000	\$331,408,000	\$318,384,000	\$294,113,000	\$212,005,000

Recent Initiatives by Organizations

- **Growth Action Network**
 - Participation on Transition Committees
- **Broadneck Council of Communities**
 - Stormwater management one of top two concerns sent to CE Pittman
 - Letter to Editor published
 - Stormwater issues/recommendations presented to state/county elected officials at BCC 2019 Kickoff Meeting
 - Participation on GDP, Transition Committee, I&P Stormwater Work Group, and first Stormwater Success course
- **Arnold Preservation Council**
 - Participation on GDP
- **Severn River Association**
 - Participation on Septic Task Force
 - Letter to Editor published/Education Event re: Enforcement (Iliff)
- **Others**

Who has the complete “Calendar” of stormwater activities?

Feb 2019 – Key Activities?

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	31	1	2
3	4	5	6	7	8	9
	APC Meeting		GDP CAC Meeting - Postponed			
	County Council Meeting		**Environmental Legislative Summit		Transition Committee Reports Due	
10	11	12	13	14	15	16
		GSPC Meeting		SRA Meeting (postponed)		
		County Council Work Session		Kingsberry SW Project		
17	18	19	20	21	22	23
		**County Council Meeting	HB410 Hearing 1PM			
		**SRA Event Union Jack's	GDP CAC Meeting - Postponed			
		Maryland Climate Lobby Night	GAN Meeting			
24	25	26	27	28	1	2
			SB 505 Hearing 1PM			
			Lobby Day for Maryland Forests			
			Budget Town Hall Meeting			
	**GAN Stormwater Coalition Mtg	OP&Z Forum				

** Priority Events

Stormwater Activities Planning

What are the Key Stormwater Issues?

- **Candidate Issue Criteria (proposed)**
 - ☐ **A change in Code and/or Policies is necessary and possible**
 - ☐ **Satisfies one or more goals of member organizations**
 - ☐ **Follows through on recommendation(s) made in Reports**
 - ☐ **Required expertise and/or resources are available**
 - ☐ **Benchmarking example(s) are available**
 - ☐ **Political support is necessary and likely**
 - ☐ **Complexity/level of effort/timeline can be reliably estimated**
 - ☐ **There is a committed volunteer lead/co-lead**
 - ☐ **Other**

Key Issue Candidate – Example 1

Stormwater Advisory Committee (SAC)

- **Citizen Council that might:**
 - Review policies
 - Hear appeals and decide on violations, fee credits, service charges and adjustments
 - Evaluate capital and operational programs and budgets
 - Make recommendations to elected officials
- **Modeled after Mecklenberg County SAC**
- **Replaces inactive AAC Stormwater Fee Advisory Council**
- **Takes advantage of recent appointment of AAC Environmental Policy Director**

Key Issue Candidate – Example 2

Stormwater Maintenance Bond

- **Both Public and Private stormwater BMPs/conveyance systems accepted from developer w/o maintenance bond**
 - **Public Works Agreement – two-year maintenance bond w/possibility of one-year extension**
 - **Reforestation Agreement – two year maintenance bond**
- **CE Pittman and I&P Stormwater Work Group have recommended a bond**
 - **No draft legislative language yet shared**
 - **Many issues on what maintenance actions would be required, role of HOAs, follow-on punch lists/inspections, etc**
- **Has relevance to COMAR Title 11-110**
- **Public should be involved**

Key Issue Candidate – Example 3

AAC Inspection Program Review

- **A properly resourced, objective, and transparent inspection program is essential to achieving SWM goals**
 - **Inspectors spread across I&P & DPW, public and private systems, development & post development**
 - **Ratio of inspection requirements to inspectors is high**
 - **Questions raised about inspector expertise/consistency**
 - **Database required in 2009 GDP is not yet complete**
 - **No consolidated, recurring review of inspection results**
 - **Inspection program below potential to improve SWM**
- **Changes needed in Code, Stormwater Management Practices and Procedures Guide, Budget, and Training**
- **New I&P leadership presents opportunity for change**

Other Key Issue Candidates - Discussion

- **State**
 - **Permitting Certification Program for Environmental Restoration Projects (Betsy Love)**
- **County**
 - **Inaccurate Certified Engineering Plans (Mike Grant)**
- **City of Annapolis**
 - **TBD**

Available Resources & Shortfalls

- **What current resources might a Stormwater Coalition have available to work/achieve desired outcomes of Key Issues**
 - Legal
 - Legislative
 - Engineering/Technical
 - State/County Experience
 - Board/Commission Experience
 - ETC
- **What is the estimated capacity of the experts to offer help with Key Issues?**
 - Volunteer
 - Contract

Discussion

- **Arguments for a Coalition**
- **Arguments against a Coalition**

Next Steps

- **Continue/discontinue initiative**
- **Actions recommended**
- **Leads/Co-leads (as appropriate)**
- **Timeline(s)**