

The background is a solid green color with several large, stylized, overlapping leaf shapes in a lighter shade of green. The leaves are arranged in a fan-like pattern, radiating from the bottom left towards the top right.

DEPARTMENT OF THE **ENVIRONMENT**

STORMWATER MANAGEMENT DIVISION

"Our Water. Our Future. Ours to Protect."

Tinkers Creek Watershed Community Meeting

June 29, 2021



SPEAKERS / PANELISTS

- Speakers

- Jerry Maldonado, Department of the Environment
- Adrianna Berk, Outreach Specialist, Tetra Tech
- Carole Barth, Trees and Pet Waste Programs Coordinator, Department of the Environment
- Nguyen Le, Rain Check Rebate Program, Chesapeake Bay Trust
- Sadie Drescher, Stormwater Stewardship Grant Program, Chesapeake Bay Trust



PURPOSE OF MEETING

- What is a watershed and how does stormwater pollution affect you?
- What are common stormwater issues around your house?
- Why are the water quality issues in the Tinkers Creek watershed?
- What can you and your community do to help?
- What programs does the County have to help?



Photo Credit: M-NCPPC / Cassi Hayden



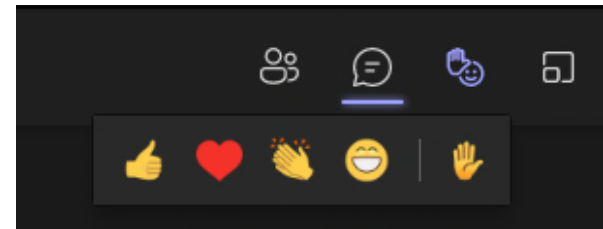
GENERAL HOUSEKEEPING

Meeting Audio and Video

- ✓ Please use **Computer Audio**
- ✓ Everyone will be muted during the presentation
- ✓ If you would like to ask a question, please either type it in the chat window or raise your hand
- ✓ When called on, you can unmute/mute by clicking the microphone



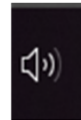
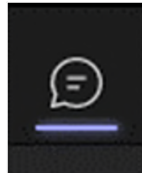
- ✓ Use reactions to show support for the speakers
- ✓ Use the chat window to see additional reaction options



REMINDERS AND TECH SUPPORT HELP

Tech Support Help

- ✓ Type AV questions in the chat window; your question will be answered there.
- ✓ If you are having connection issues, turn off your video and listen to meeting audio. The recording will be available a few days after the meeting.
- ✓ Make sure your computer audio is turned up and not muted.



Reminders

- ✓ This is a professional meeting. Please be mindful of what you write in the chat box. This meeting will be recorded and posted for viewing.
- ✓ The meeting organizers can mute and remove sources of disruptions.
- ✓ Speakers: please minimize distractions such as ceiling fans and other noises.



WHAT IS A WATERSHED?

Watersheds are like sponges and drain like funnels . . .

- Land accumulates pollutants from urban, agricultural, and other areas.
- Whatever is on the land washes into the waterways directly or via storm drains.
- Appropriate land management practices can greatly reduce polluted runoff.



STORMWATER RUNOFF IS THE #1 SOURCE OF WATER POLLUTION IN URBAN AREAS

When it rains or when snow melts, water flows across the land carrying with it our nutrients, toxics, trash, debris, and sediment.

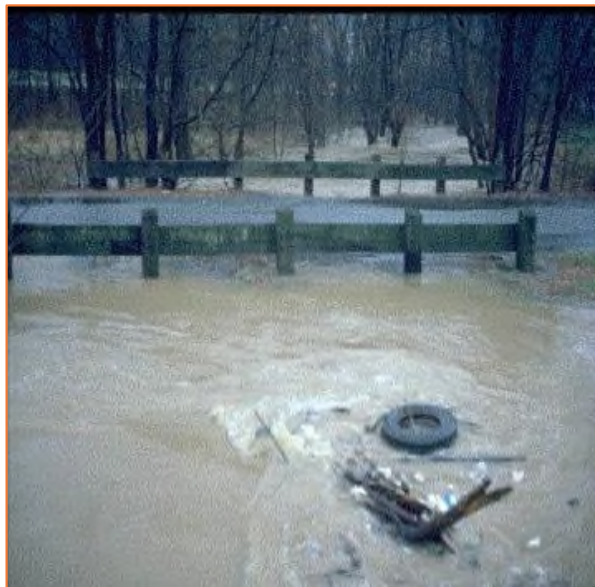


Image source: PGC DoE Facebook page



Stormwater can also cause the loss of aquatic life, flooding, public health and safety issues, diminished aesthetics and quality of life, and degraded natural resources.



WHAT ARE COMMON STORMWATER ISSUES AROUND YOUR HOUSE?

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WHAT ARE THE PROBLEMS IN TINKERS CREEK?

- Piscataway Creek (including Tinkers Creek) is impaired for and has watershed plans for bacteria and sediment
 - Picking up after your dog will reduce the bacteria reaching Tinkers Creek
- Chesapeake Bay is impaired for nitrogen, phosphorus, and suspended solids
 - County required to reduce nitrogen, phosphorus, and suspended solids in all County watersheds
 - Planting trees and installing conservation practices on your property and in your community can reduce the amount of these pollutants reaching Tinkers Creek
- Tinkers Creek watershed has a 42.6 percent reduction goal for bacteria and a 51 percent reduction for sediment



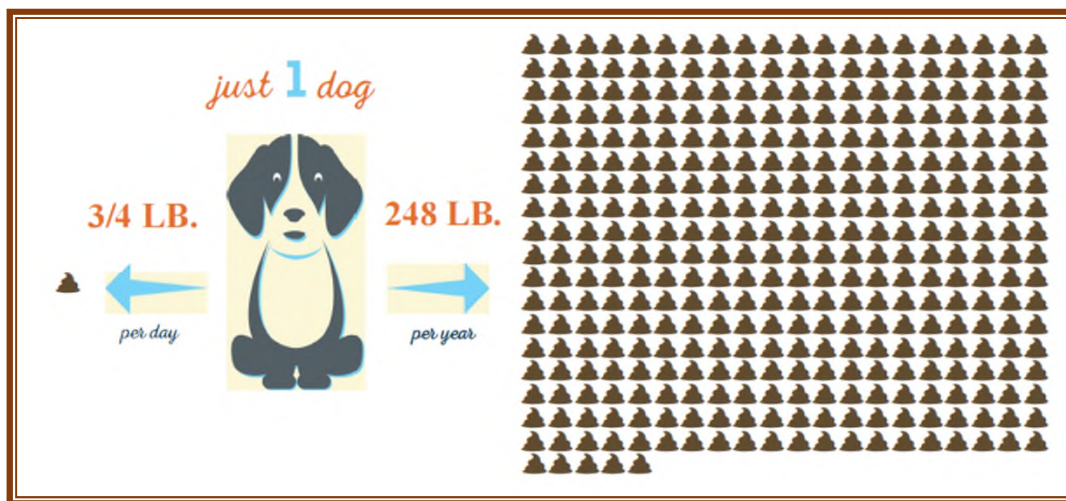
SUSTAINABILITY AND STORMWATER DIVISION PROGRAMS

- Pet Waste Pickup
- Tree ReLEAF
- Rain Check Rebate
- Arbor Day Every Day



PRINCE GEORGE'S COUNTY HAS AN ESTIMATED 151,000 DOGS

- The average dog produces 0.75 lbs/day or 248 lbs/year
- Dogs in the County produce almost 37.5 million pounds of waste per year. That's 113,250 pounds (almost 57 tons!) of waste each day!



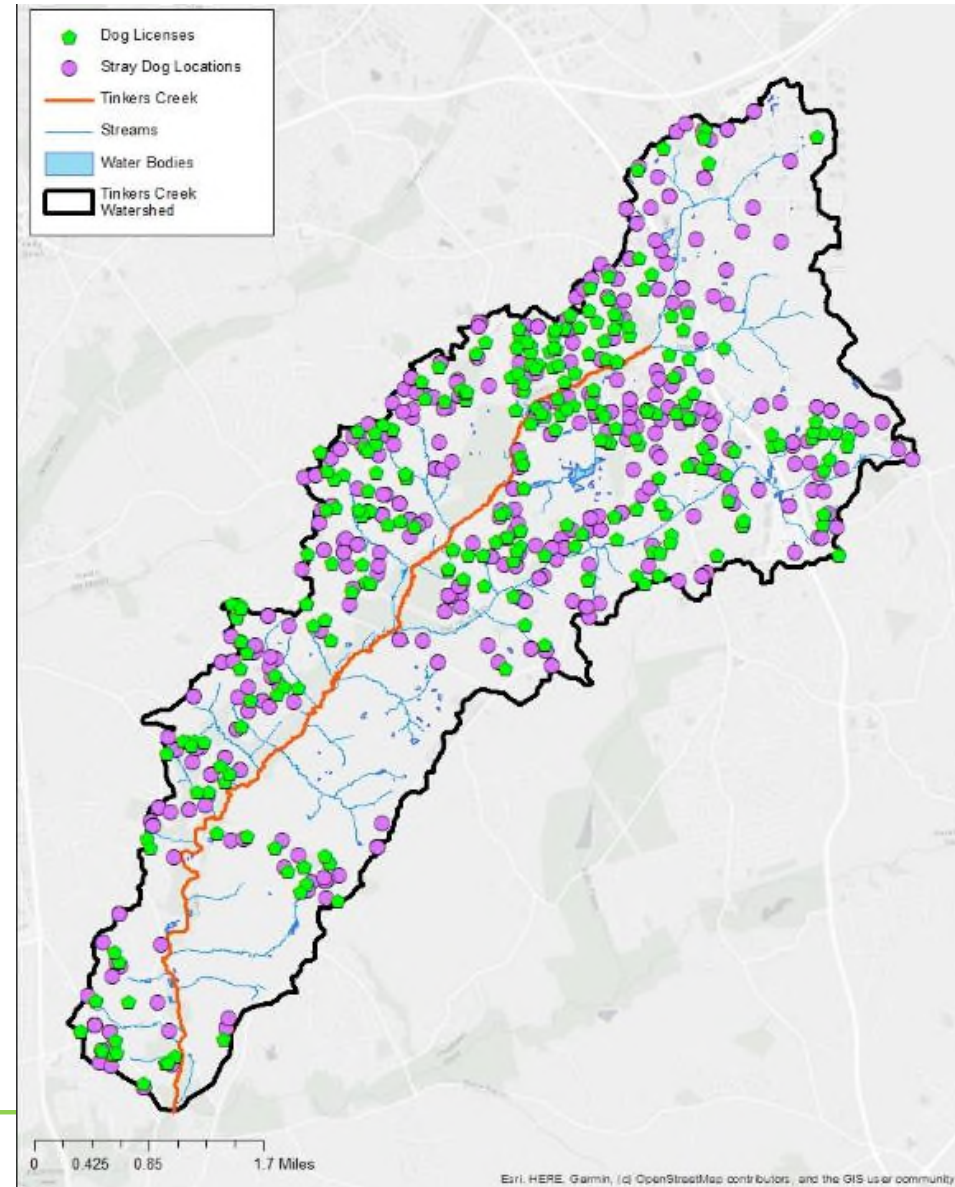
Remember!

Pet waste is not just a problem in common areas like parks. It's important to remove waste left in yards, too!



LOCATIONS OF DOG LICENSES AND STRAYS

- Based on data from 2014–2018, 322 dog licenses and 519 stray dog pickups in the Tinkers Creek watershed
- Pet owners with dog licenses should be picking up after their pet
- Stray dogs do not have owners to pickup their waste



WHY SCOOP THAT POOP?

- Human Health

- ***Pet waste contains disease-causing organisms that can make people sick!***

- Bacteria and other pathogens in pet waste can cause stomach, lung, eye, ear, nose, throat and skin infections
- Fecal coliform, bacteria, salmonella, roundworms, and giardia can remain in your yard for weeks and months if not cleaned up

- Pathogens and other organisms can remain in the ground for years if not cleaned up

- Pet Health

- Other pets and wildlife can also get sick from the disease-carrying organisms in feces

Did you know?



1 *tiny gram of dog poop*

You can help by scooping that poop every time!



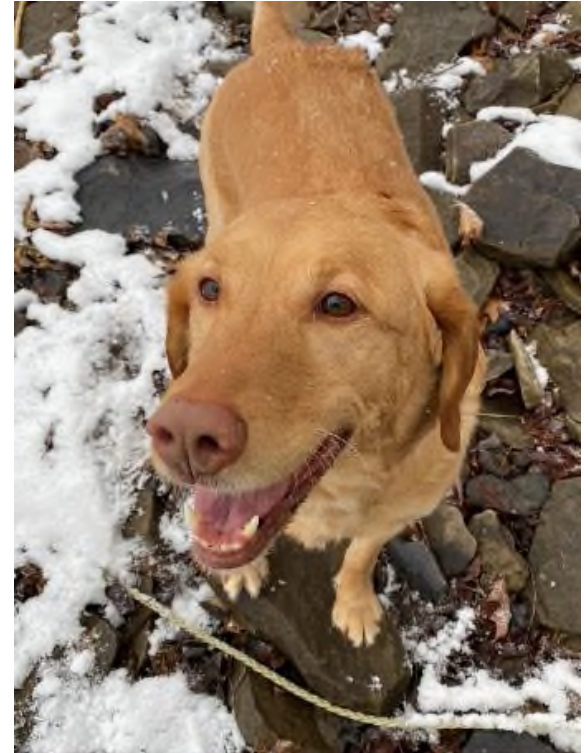
WHY SCOOP THAT POOP?

- Quality of Life
 - Pet waste left on the ground is unattractive and unappealing for residents
 - It can discourage people from enjoying local parks and can contribute to lowering property values
 - Flies and rats feed on pet waste and carry disease elsewhere in the community
- Water Quality
 - **Waste travels!** When a storm even occurs, the rainwater mixes with pet waste on the ground and carries the contaminants to nearby waterways where we fish and play
 - Pollutants in our waters can contaminate our drinking water



SCOOP THAT POOP VIDEO

[Scoop That Poop | Prince George's County, MD](https://princegeorgescountymd.gov)
(princegeorgescountymd.gov)



SO, WHAT DO WE DOO WITH IT?

- Trash It
 - Most recommended approach
 - Landfills are designed to handle pet waste
 - Consider reusable plastic bags



SCOOP IT, BAG IT, TRASH IT



YOU CAN HELP!

- Pick up pet waste from your yard. It is not a fertilizer!
- Carry disposable bags while walking your dog to pick up and dispose of properly
- When picking up after your pet, reuse bags that would have ended up in the trash anyway
- Picking up pet waste will help meet bacterial reductions
- Get your dog spayed or neutered to control the stray population



WHAT CAN YOUR COMMUNITY DO?

- Install pet waste disposal stations
 - In 2017, the County and partners, installed 70 pet waste stations
- Install Pet Waste Community Signs



MATERIALS YOU CAN DOWNLOAD AND USE

- Scoop That Poop Fact Sheets

Why SCOOP That POOP?

Dogs Poop in the Yard, Park or Dog Park.

23 million bacteria

just 1 dog can produce 248 LBS. of poop per year!

1 tiny gram of dog poop

Disease Causing Bacteria & Parasites Travel with Rain Water Runoff.

People Get Sick!

scoop IT. bag IT. trash IT.

THE EPA SAYS dog poop is as toxic to the environment as a *1 ton of oil spill*

DISEASE and BACTERIA from your dog's *poop* pollutes local streams and beaches which can make fishing and swimming **UNSAFE.**

For more information call 311 or go to environment.nj.gov

¿Por qué RECOGER esa CACA?

23 millones de bacterias

¡1 perro puede producir 248 LIBRAS de excremento!

1 gramo de excremento de perro

Las ENFERMEDADES y BACTERIAS de la *caca* de su perro contaminan las corrientes de agua locales y las playas y eso hace que pescar y nadar sea **INSEGURO.**

Recójala. Póngala EN UNA bolsa. Bótela EN UN basurero.

LA EPA DICE QUE la caca de perro contaminará el medioambiente tanto como un derrame de petróleo de 1 tonelada

DISEASE and BACTERIA from your dog's *poop* pollutes local streams and beaches which can make fishing and swimming **UNSAFE.**

For more information call 311 or go to environment.nj.gov



TREE PLANTING PROGRAMS

- Tree ReLEAF Grant Program
- Arbor Day Every Day
- Tree Demonstration
- Rain Check Rebate



WHY PLANT A TREE?

- Cools cities and provides cleaner air
- Gives shelter to wildlife and provides them with food and protection
- Captures carbon
- Reduces runoff and flooding by reducing the volume of water rushing through gutters and pipes following a storm
- Increases property values by muffling noise, and providing shade, privacy, and beautifying the neighborhood
- Improves mental health



TREE RELEAF GRANT PROGRAM

- *Small community-based projects are eligible to receive up to \$5,000 per project, and municipalities may receive up to \$10,000 per project*
- Examples of projects that have received funding
 - tree plantings in parks and on playgrounds
 - memorial and street tree plantings
 - reforestation projects along streams



TREE RELEAF GRANT PROGRAM

- <https://www.princegeorgescountymd.gov/457/Tree-ReLeaf-Grant-Program>
- Contact 301-883-7161 for more information and help determine if you are eligible
- See the Tree ReLEAF FAQs
- Submit an Intent to Apply form
- Schedule an onsite consultation
 - Additional information will be provided on completing the Grant Application and other program requirements
- Submit a Tree ReLEAF Grant Application
- Planting season is in the spring or fall

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ARBOR DAY EVERYDAY PROGRAM

- Provides free trees for schools to plant and maintain on school grounds
- Educates students on the everyday importance of native trees, empowers them to enhance their community and provides funds for planting projects

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ARBOR DAY EVERYDAY PROGRAM

- <https://www.princegeorgescountymd.gov/515/Arbor-Day-Every-Day>
- Submit an Intent to Apply Form
- Schedule an onsite consultation
 - Additional information will be provided on completing the Program Application, developing a tree planting plan for your campus and creating a post-planting maintenance plan
- Submit a Program Application
- Planting season is in the spring or fall

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TREE DEMONSTRATION PROGRAM

- Free tree planting for your community house of worship, or group!
- Typically, less than 10 trees
- In-person information about the planting, care, and maintenance for your trees
- First come, first serve basis
- Fill out the Tree Demonstration Application form
- Email cabarth@co.pg.md.us to schedule a live demo



RAIN CHECK REBATE PRACTICES



YOUR ROLE IN RESTORATION

- Help prevent stormwater pollution. Pick up after pets, plant trees, install rain barrels, leave grass clippings on lawn, don't litter, participate in clean-ups



TUESDAY TIP

GROWING GREEN WITH PRIDE

Help beautify our County by joining County Executive Alsobrooks and neighbors in your community for a day of cleaning, weed removal and mulching for Growing Green with Pride Day on **Saturday, May 1st!**

- Registration is required for participation. Registration deadline is April 23rd.
- Litter supplies and mulch pickup will occur from April 28th to May 1st. Grab-n-go style pickup will be implemented.
- Students can earn service-learning hours.
- To register, view pickup dates and location, and for more information, visit mypgc.us/GrowingGreen.

PRINCE GEORGES Proud




STAY INFORMED

- Subscribe to DoE updates on Twitter, Instagram, and Facebook for event information and how to get involved!

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PGC Department of the Environment
★ Favorites · 20h · 🌐



Department of Public Works and Transportation
21h · 🌐

Illegal dumping can disrupt wild life! It can cause air, soil, land and water pollution! If you See Something, Say Something and report illegal dumping to 311. Help eradicate litter and illegal dumping. #cleanup #stopillegaldumping #PrinceGeorgesProud #TalkingTrashTuesdays

PGC Department of the Environment
pgcsprout · Following
PGC Department of the Environment


DON'T SHOP... ADOPT!

Join the Prince George's County Animal Services Facility in their celebration of National Adopt-a-Dog Month.

Throughout the month of October, the facility is reducing dog adoption fees to \$125 (normally \$225).

If you are considering adding a new pet to your family, visit the Animal Services Facility in Upper Marlboro first to see the small puppies and big dogs that are waiting to become loving additions to your home.

To view pets available for adoption at the Animal Services Facility, visit www.pgc.org/pet-services/adopt or contact CountyClick at 3-1-1 for more information.




12 likes

pgcsprout Do something green... #adoptdontshop during National Adopt-a-Dog Month! #tuesdaytips #secondnature

Pinned Tweet

PGC Environment @PGCSprout · Jun 21

PGC residents, we want to hear from you! @CEXAlsobrooks invites you to take a short online survey about efforts to make our county cleaner. You could win a \$50 gift card with daily drawings now through July 4 2021. Winners will be announced on July 6 2021. [surveymonkey.com/r/PGCoSurvey20...](https://www.surveymonkey.com/r/PGCoSurvey20...)



5 5

BE AN EXTRA SET OF EYES

- Use County Click 3-1-1 (301-883-4748)
<http://countyclick.princegeorgescountymd.gov/> or
<http://alert.mypgc.us/>
- Abandoned vehicle
- Animal at large
- Flooding and drainage
- Foam free ban
- Illegal dumping
- Litter
- Sewer overflow
- Storm drain maintenance
- And more!



OTHER DOE PROGRAMS AND SPEAKING EVENTS

- Comprehensive Community Cleanup Program
- PGCLitterTrak
- Storm Drain Stenciling and more!
- Speakers for meetings & interactive exhibits

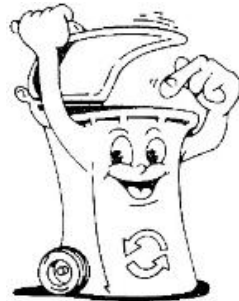
<https://www.princegeorgescountymd.gov/351/Community-Outreach>

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FOR MORE INFORMATION OR TO APPLY

- Pet Waste Disposal: Carole Barth cabarth@co.pg.md.us
- Tree Plantings: Carole Barth cabarth@co.pg.md.us
- Rain Check Rebate: Chesapeake Bay Trust www.cbtrust.org
- Litter Reduction: Tiaa Rutherford LitterReduction@co.pg.md.us





CONTACT US

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