

# BOROUGH OF CHAMBERSBURG

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## STORMWATER MANAGEMENT PROGRAM

December 17, 2024

SINGLE FAMILY RESIDENTIAL EDUCATION MEETING

# IN ORDER TO RECEIVE CREDIT/REIMBURSEMENT:

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- Live or reside at single family dwelling
- Attend meeting
  - Please sign-in
- Complete/submit credit application

# CREDIT APPLICATION

- COMPLETE
  - Customer Name
  - Address
  - Phone number/Email Address
  - Signature

## Credit Application

### APPLICATION INSTRUCTIONS

This form is provided to Storm Sewer Pollution Control Fee customers who believe they qualify for a credit. Customers should review the Storm Sewer Management Program Credit Policy Manual for eligibility requirements for credits. Please fill out all sections, except for the last section marked "For Borough Use Only". Please mail or email completed form to:

Borough of Chambersburg Storm Sewer Utility  
100 South Second Street  
Chambersburg, PA 17201  
Amber Kerstetter: [akerstetter@chambersburgpa.gov](mailto:akerstetter@chambersburgpa.gov)

### SUPPORTING DOCUMENTS

The following documentation must be submitted for a Structural BMP or Easement Credit application to be reviewed:

1. Completed and signed application form (Public Education Credit, Structural BMP Credit and Easement Credit)
2. Drainage Plan (Structural BMP Credit)
3. Signed Maintenance Agreement or Easement Agreement (Structural BMP Credit and Easement Credit)
4. Agreement recording fee (Structural BMP Credit and Easement Credit)
5. Escrow deposit (Structural BMP Credit)
6. The Borough may require design documentation, as-built or construction drawings, and proof that the facility is in proper working order (existing facilities only) from a Pennsylvania licensed engineer, surveyor or design professional.

### SELECT CREDIT(S) BEING APPLIED FOR

Public Education Credit     Structural BMP Credit     Easement Credit

### CUSTOMER INFORMATION

Account Number: \_\_\_\_\_

Address of Account: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I agree to all conditions of the credits I have applied for, as outlined in the Storm Sewer Management Program Credit Manual.

### FOR BOROUGH USE ONLY

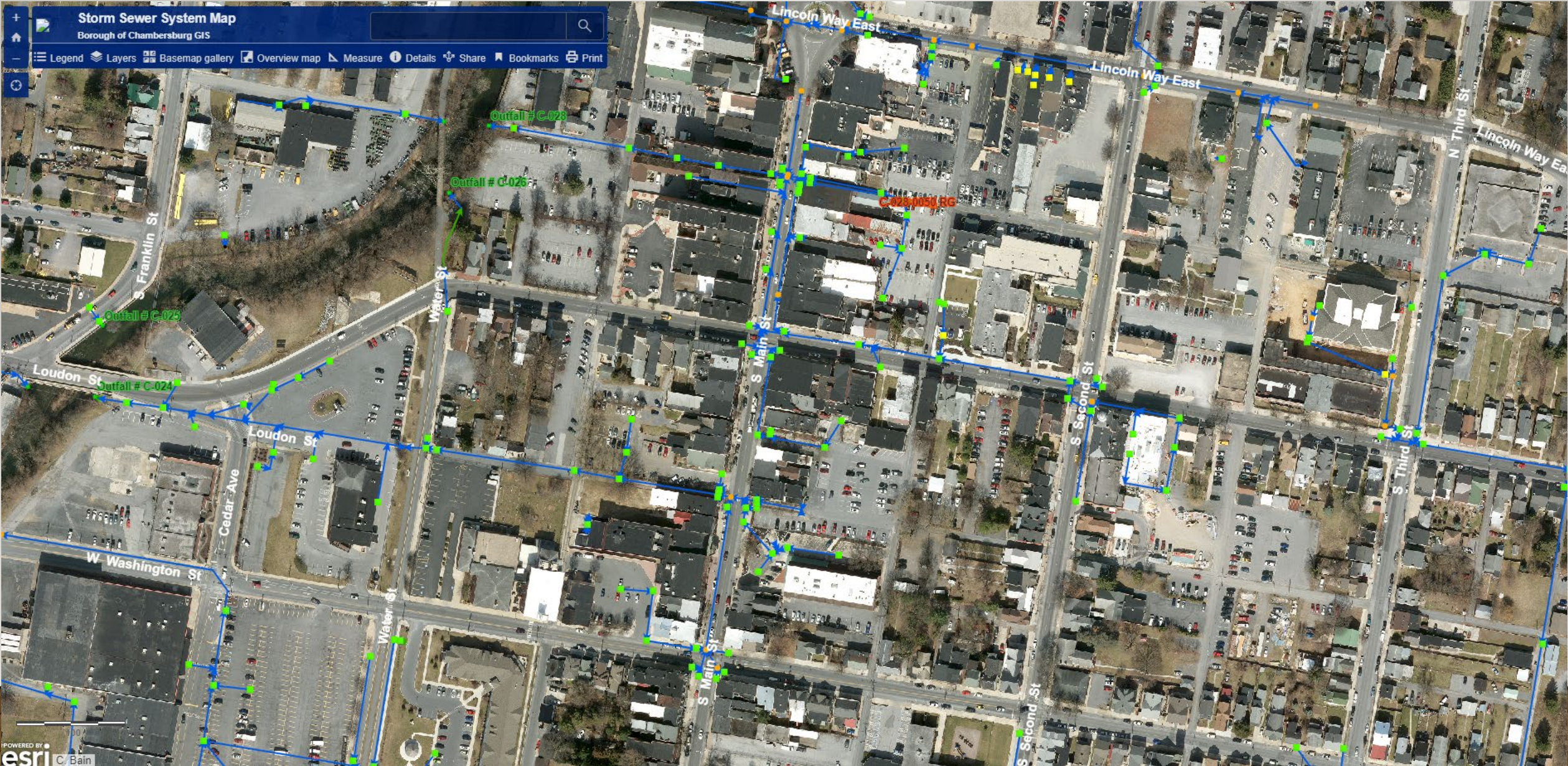
Date Received: _____	Date Reviewed: _____
Public Education Credit	Program Attendance Date: _____
Structural BMP Credit	ERU reduced from: _____ to: _____
Easement Credit	Amount of Credit: _____
	Fee Suspended from: _____ to: _____

# BOROUGH'S STORM SEWER SYSTEM

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- 3,229 storm drains
- 139 outfalls to Conococheague Creek and Falling Spring Creek
- 211 subsurface detention areas
- 107 detention areas
- 83.49 miles of stormwater pipe
- 57 rain gardens
- 32.05 miles of open drainage conveyance

# STORMWATER IN THE BOROUGH OF CHAMBERSBURG

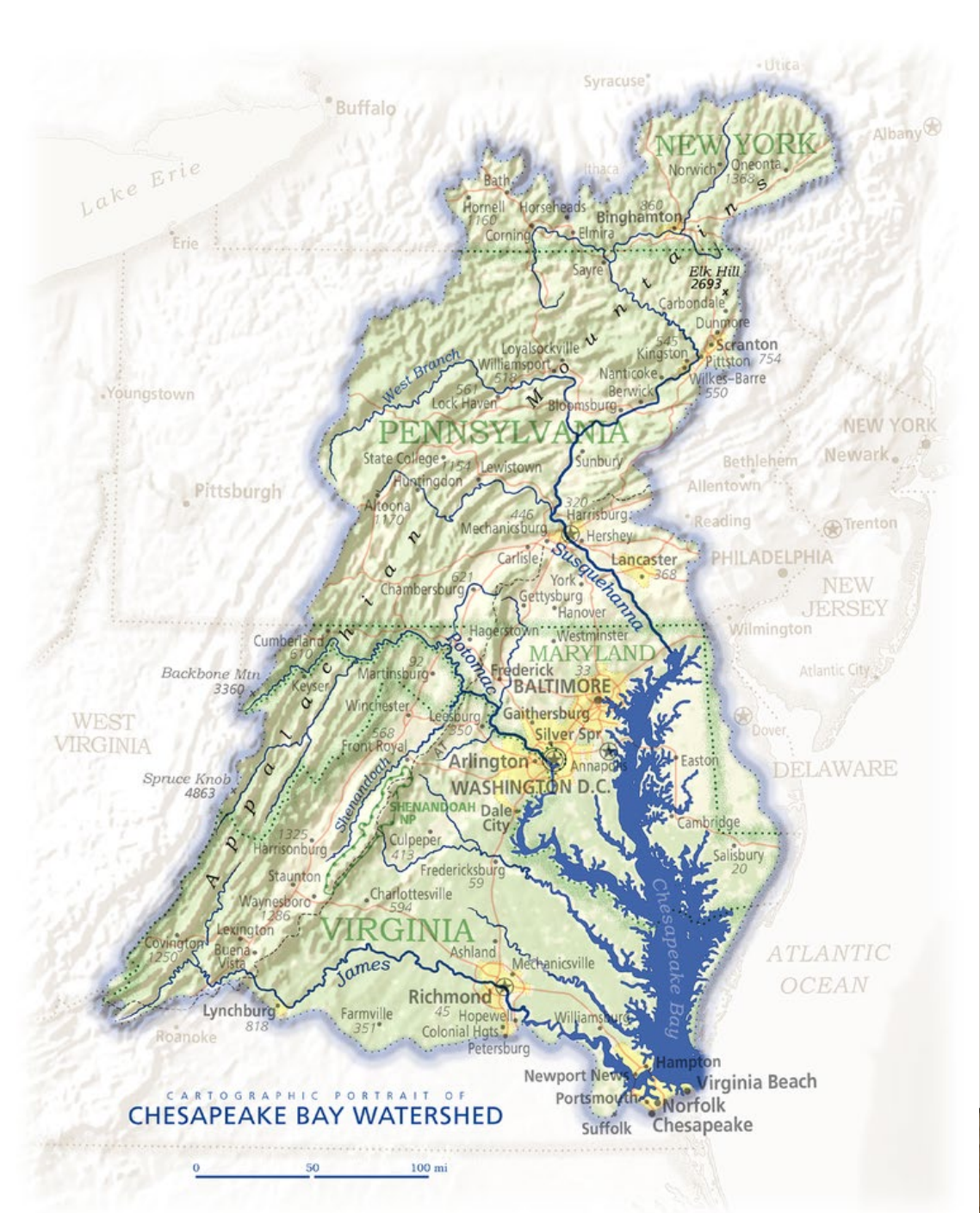


# STORMWATER IN THE BOROUGH OF CHAMBERSBURG



# Chesapeake Bay watershed:

- 64,000 sq miles
- ~41,000,000 acres
- Includes portions of PA, MD, WV, VA, DE, DC, and NY
- Rivers tributary: **Susquehanna**, Potomac, York, Rappahannock, James, Chester, Patapsco, Pocomoke
- 19,000,000 gallons/minute



# DEWATERING SWIMMING POOLS/HOT TUBS



## MANAGEMENT OF SWIMMING POOL, HOT TUB, AND SPA WATER DISCHARGES

This fact sheet addresses the discharge of water from swimming pools, hot tubs, and spas that are disinfected using chlorine, bromine, or "salt water disinfection," and that also may contain residual amounts of other treatment chemicals including algaecides. Servicing of a pool, hot tub, or spa often involves discharging all or a portion of the water or backwash water from filters, both of which may contain residual chlorine at levels that could be damaging to the environment. As such, these waters may be considered "polluted" (i.e., "wastewater"), and must be managed to protect public health and to prevent pollution to waters of the commonwealth such as rivers, streams, lakes, and including storm sewers. The purpose of this fact sheet is to describe acceptable methods of managing discharges from swimming pools, hot tubs, and spas to avoid causing pollution. Pool, hot tub, and spa water should not be allowed to directly or indirectly discharge to waters of the commonwealth, including storm sewers.

### What substances in pools, hot tubs, or spas could cause pollution?

Chlorine and/or other disinfectants are typically added in sufficient amounts to kill potentially harmful bacteria. These disinfectants also react with other organic matter such as dirt, sweat, skin cells, leaves, and organisms creating potentially harmful disinfection byproducts. Other contaminants are added from the users, such as oil and grease from natural body oils and applied lotions and sunscreens. Chemicals commonly used in maintaining these systems, such as salt, borax, algaecides, phenols, caustic, and acid solutions, can be deadly to fish and other aquatic life. Backwashing of pool filters also contributes accumulated debris. All of these chemicals and materials have the potential to cause pollution and adversely affect public health and waters of the commonwealth.

### What are acceptable methods for managing swimming pool, hot tub, and spa waters?

The best approach for managing these wastewaters is disposal into a public sewer system or at a sewage treatment facility, with authorization of the sewer system owner. A permit is generally not necessary to reuse or recycle pool wastewaters, but approval from the owner of a sewer system or sewage treatment facility is typically required. Some municipalities have enacted additional requirements related to discharges from pools. Contact your municipality if you're unsure whether additional guidelines exist.

### What if no public sewer is available?

The wastewater can be drained and allowed to infiltrate into a vegetated area or used for on-site irrigation after these guidelines are met:

1. Shut off the chlorination/chemical feed system if there is one, or stop adding chlorine and chemicals.
2. Shut off the heating system, if there is one.
3. Hold the water in the pool or hot tub to reduce the chlorine level to 0.5 mg/L or less (if applicable), and the temperature to an acceptable level (generally within 10° F of the air temperature).
4. Test frequently – the water may need to be held for 10 days or more depending on the surrounding conditions. Recirculating the water may help to speed up this process.
5. Adjust the pH, if necessary, to between 6.0 and 9.0 standard units.
6. Never drain the pool on a rainy day or if the soil is saturated.

When discharging on-site for infiltration or using the water for irrigation, ensure that:

- The water will not flow into a storm sewer or other water of the commonwealth.
- The water does not run off the property.
- Nuisances such as prolonged ponding, odors, and mosquito breeding conditions are prevented.
- The flow rate is slow enough to allow infiltration and does not cause erosion.
- Solids are captured by attaching a filter bag to the end of the discharge hose, if needed.

# KEEP GRASS OUT OF STORM DRAINS

- Clogs storm sewer inlets and pipes
- Grass could be treated with pesticides and herbicides
- SAFETY

## PLEASE KEEP GRASS CLIPPINGS OUT OF STORM DRAINS

The Borough of Chambersburg asks that residents and business owners keep grass clippings on your property and off of the sidewalk, curb and street. Local law (Chapter 109) prohibits any grass clippings to be placed into a public street or alley along the curb line in such a manner that the clippings cover, or could cover, a storm drain or enter the storm sewer system. Dumping or hosing of grass clippings into a storm drain or the storm sewer system is also prohibited. Grass clippings can clog storm drains and the storm sewer system, which may result in street flooding. Grass clippings can also harm the Conococheague Creek and Falling Spring Creek, where the Borough storm sewer system empties.

### PROHIBITED



### WHAT YOU CAN DO:

- Keep all grass clippings on your property; off of the curb and sidewalk and out of the street.
- Compost grass clippings on your property away from storm drains, wetlands and streams.
- Grass clippings can be bagged and placed at the curbside or other designated area for collection by the Borough Sanitation Department on your regularly scheduled weekly trash collection day. Please note, the number of trash receptacles or bags – including those with grass clippings – collected from any one household unit per week is limited to three unless accompanied by a tag purchased from the Borough for each receptacle or bag over three.
- If you see a storm drain that is clogged and can clear it without placing yourself in danger, please remove the grass clippings or other debris. If you cannot, or do not want to, clear the storm drain, please contact the Borough Customer Service Center at: **717-263-4111** or [servicecenter@chambersburgpa.gov](mailto:servicecenter@chambersburgpa.gov)

### Borough of Chambersburg

If you would like to learn more about the municipal separate storm sewer system (MS4), please visit the Borough website at:

[www.chambersburgpa.gov](http://www.chambersburgpa.gov) (Click on the Departments link and then scroll down to the Storm Sewer section)

Or contact Andrew Stottlemeyer, Storm Sewer System Manager at: **717-251-2434** or [astottlemeyer@chambersburgpa.gov](mailto:astottlemeyer@chambersburgpa.gov)

# BOROUGH LEAF COLLECTION PROGRAM

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# SATELLITE IMAGE FROM SEPTEMBER 2011; TROPICAL STORM LEE

- Tropical Storm Lee hit central Pennsylvania just after Irene
- 10+ inches of rain over a 5 day period
- Swatara Creek (Hershey, PA) crested at 26.8 feet (over 10 feet above it's record stage)



# CUYAHOGA RIVER FIRE (1952)



# IN CONCLUSION.....

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- Why are we concerned about stormwater runoff?
  - Impervious surfaces such as pavement and rooftops generates up to 5x more runoff than a typical forested area of the same size
  - The runoff collects/conveys trash, lawn debris, fluids, sediment
  - Flooding/property damage
  - Safety



August 2024

IF YOU SEE SOMETHING...SAY SOMETHING

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Chambersburg Borough 24-hour Utility Service  
Center

(717) 263-4111

# QUESTIONS?

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