



GLENWOOD MIDDLE SCHOOL BOTTLE BILL PRESENTATION

December 4, 2009



INTRODUCTION

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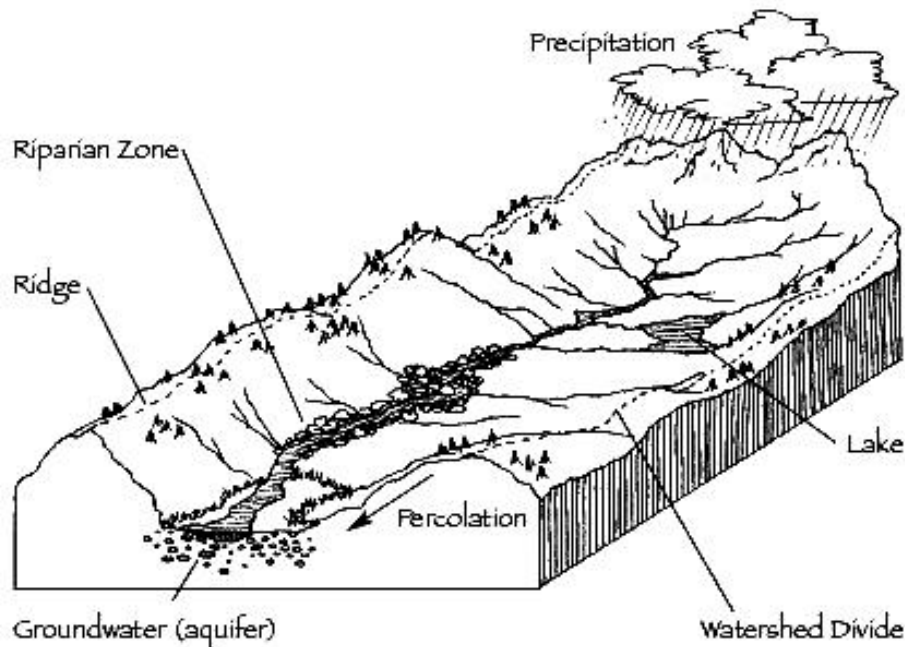


OBJECTIVES

- ③ To understand why we are even discussing the Bottle Bill
- ③ To explain the Bottle Bill
- ③ To describe the State Legislative process for a bill to become law
- ③ To discuss how **GLENWOOD MIDDLE SCHOOL** can get involved

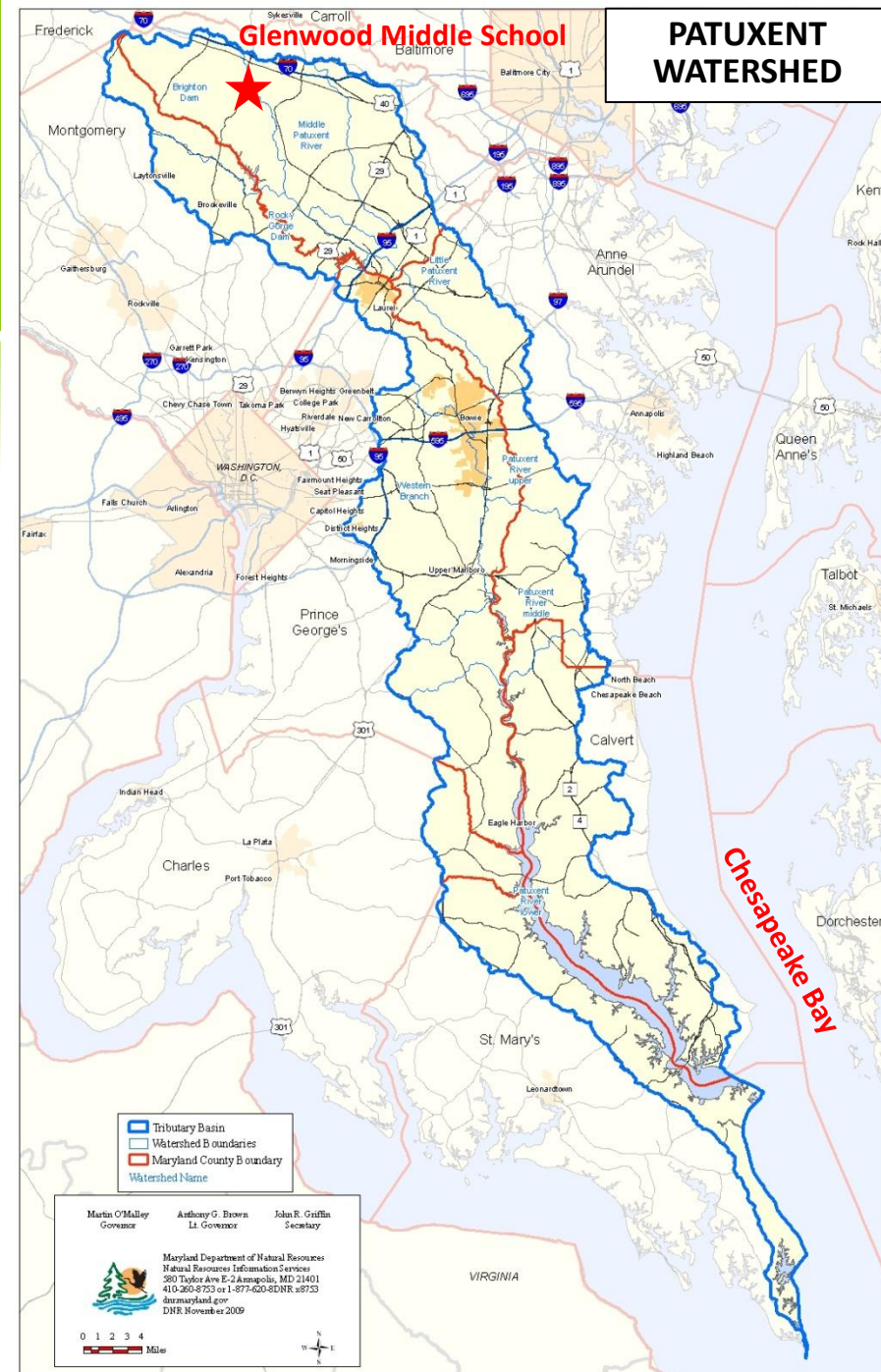
WHAT IS A WATERSHED?

- ◎ A watershed is the area of land where all of the water drains into the same place.



PATUXENT WATERSHED

- Area = 911 square miles
- Length of Patuxent River = 106 miles
- Average Width of the Watershed = 8.6 miles
- Patuxent River flows through seven counties
 - Anne Arundel ♦ Calvert ♦ Charles Howard ♦ Montgomery ♦ Prince George's ♦ St. Mary's
- Patuxent River headwaters (starts) in Howard County and enters the Chesapeake Bay through St. Mary's and Calvert Counties



WHERE DO BOTTLES, CANS, & OTHER TRASH NOT DISPOSED OF PROPERLY END UP?

Blown and washed by rain into:

- ① The streets
- ① The Streams and Stream Banks
- ① The Patuxent River and River Banks
- ① The Chesapeake Bay and the Shoreline



ALTERNATIVES TO ADDRESS THE TRASH IN ROADWAYS AND WATERWAYS

→ Enforcement of existing litter laws



→ Recycling



→ Education



→ Bottle Bill



EVOLUTION OF THE BOTTLE CASH REFUND

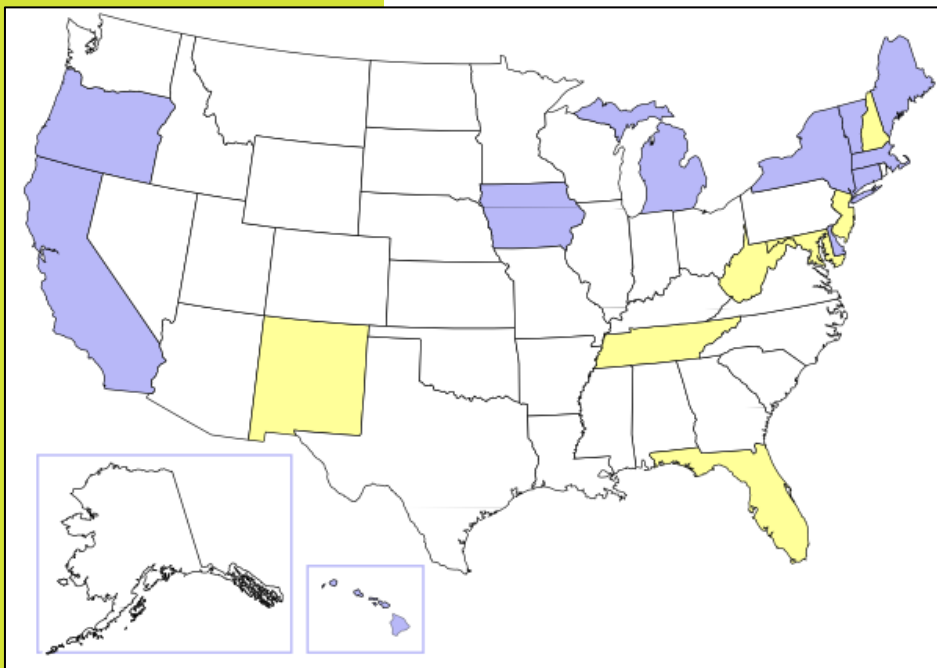


WHAT IS A BOTTLE BILL?

A Bottle Bill or container deposit law requires a refundable deposit on water and beverage containers

- ◎ **1930's:** cash refunds were created by the beverage industry to guarantee the return of glass bottles to be washed, refilled and resold
- ◎ **1940's:** cans began to replace bottles
- ◎ **1960's:** 47% of beer was in cans and 100% of soft drinks were in refillable/returnable glass bottles
- ◎ **1970's:** 60% of beer was in cans and 47% of soft drinks were in **cans**
- ◎ **1971:** gradual elimination of refillable and returnable beer and soft drink bottles in the 1950's and 1960's, along with the increased production and sales of non-refillable bottles, led to an increase in beverage container litter and prompted the **first Bottle Bill in Oregon**
- ◎ Subsequently, **10 other states have passed Bottle Bills**
- ◎ **2000's:** plastic water bottles have **overwhelmed our society**

EVOLUTION OF THE BOTTLE CASH REFUND



States with Bottle Bills:

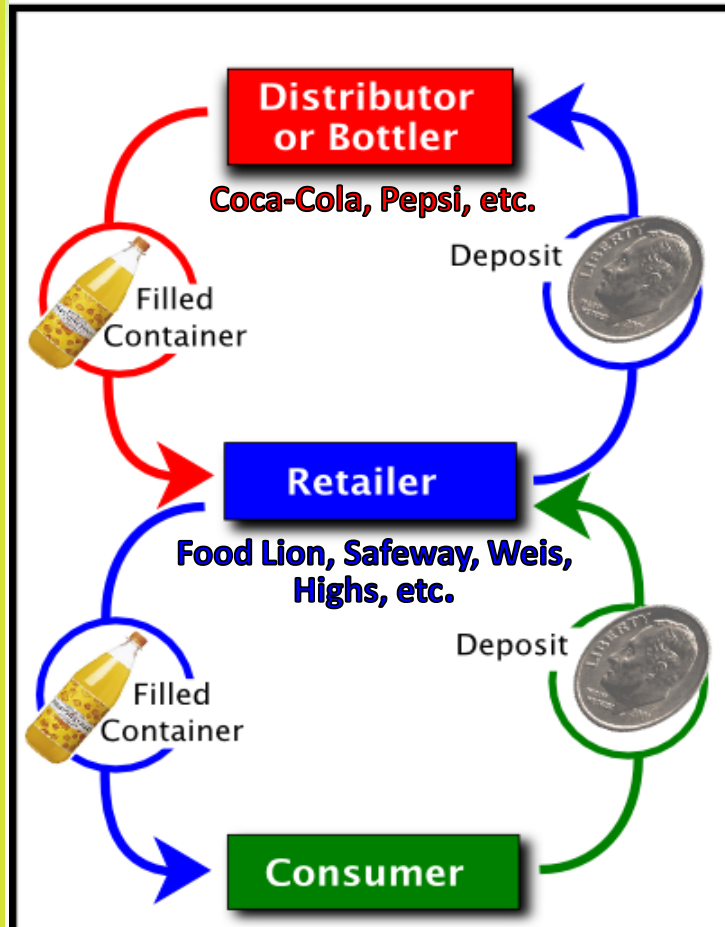
| | |
|-------------|---------------|
| California | Massachusetts |
| Connecticut | Michigan |
| Delaware | New York |
| Hawaii | Oregon |
| Iowa | Vermont |
| Maine | |

States with Current Campaigns:

| <u>For new deposit laws</u> | <u>For updating existing laws</u> |
|-----------------------------|-----------------------------------|
| Florida | Connecticut |
| Maryland | New York |
| New Hampshire | Massachusetts |
| New Jersey | |
| New Mexico | |
| Tennessee | |
| West Virginia | |

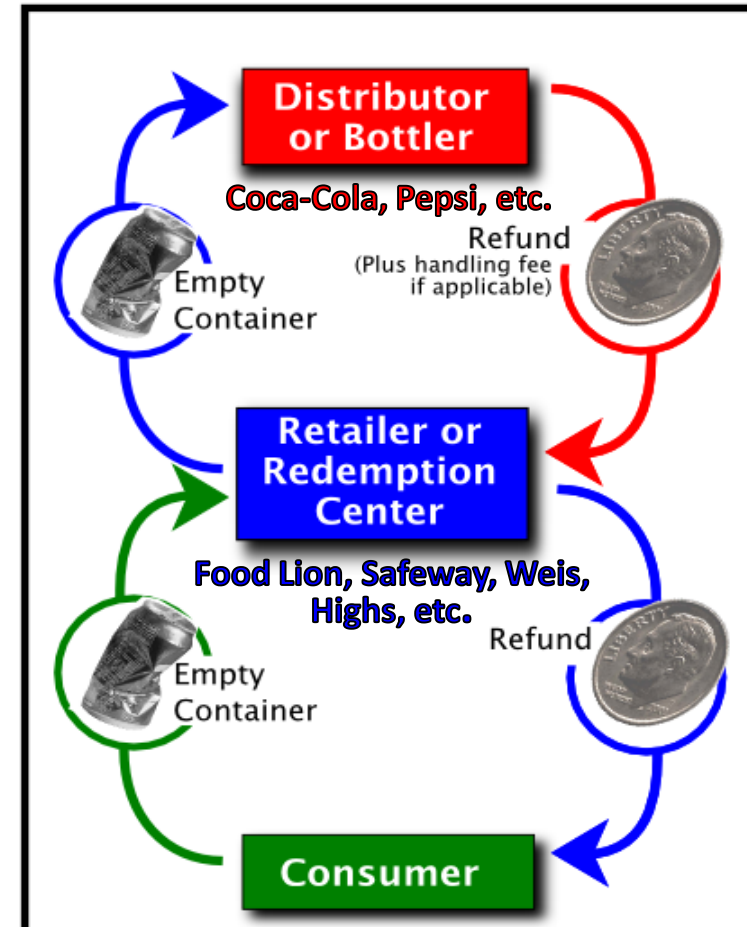
HOW A BOTTLE BILL WORKS

Deposit Initiation



Glenwood Middle School Students, Teachers,
Parents & Friends

Deposit Redemption

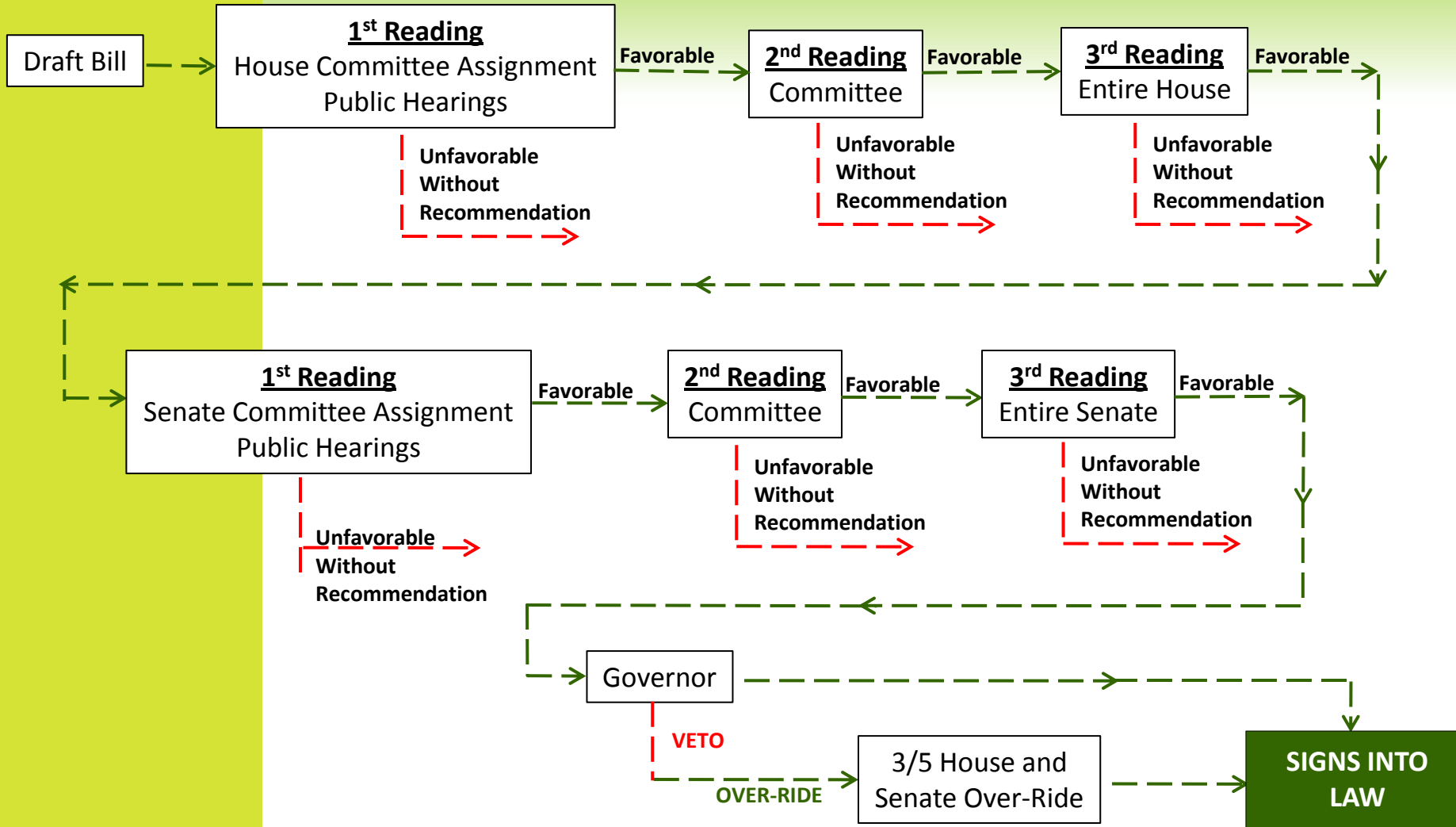


Glenwood Middle School Students, Teachers,
Parents & Friends

REDEMPTION CENTER ALTERNATIVES



STATE LEGISLATIVE PROCESS FOR A BOTTLE BILL



MARYLAND BOTTLE BILL



- ⦿ Baltimore Harbor Watershed Association (BHWA) was created in 2004 to address the Baltimore Harbor trash
- ⦿ November 2005, BHWA and Citizens Using Resources Better (C.U.R.B.) submitted draft Bottle Bills to State Delegate Peter Hammen
- ⦿ Bottle Bill was introduced in the State Legislature:

- 2006 Bottle Bill with 5¢ Deposit: 1st reading in House = **Unfavorable**
- 2007 Bottle Bill with 5¢ Deposit: 1st reading in House = **Unfavorable**
- 2008 Bottle Bill to establish a Task Force: 1st reading in House = **Favorable**
1st reading in Senate = **Unfavorable**
- 2009 Bottle Bill to establish a Task Force: 1st reading in House = **Unfavorable**

HOUSE BILL 839
 By Delegates Hammen, Ah, Burton, Burns, Brownell, Conway, Gorman, Harker, Kasper, Lafferty, Moore, Shirkman, Simmons, Stowers, Wu, Zingales, and White
 Introduced and read first time February 9, 2011
 Assigned to Environmental Matters

A BILL ENTITLED
 AN ACT CONCERNING
Recycling - Recycling - Bottle Deposits, Returns, and Refunds
 FOR the purpose of requiring bottle deposits, returns, and refunds on certain beverage containers, requiring a certain label for certain beverage containers, requiring the State to pay a handling fee and refund value to a redemption center under certain circumstances, providing for return of certain property that accepts certain containers from customers, prohibiting a certain person from redeeming certain containers unless a certain deposit was made, authorizing a redemption center to refuse payment for bottles returned under certain circumstances requiring certain to the State to pay at least one redemption center, authorizing certain persons to apply to be redemption centers, requiring redemption centers to be certified by the Department of the Environment, requiring the Department to maintain a certain list of public information, authorizing the Department to withdraw certification of a redemption center under certain circumstances, requiring certain persons to submit a certain amount, requiring certain persons to file reports containing certain information with the Comptroller and the Department, charging the Department with the duty to monitor the Task Force and submit and disseminate reports with the State regarding the Task Force and submit and disseminate reports to certain persons that include certain money from the State's Recycling Trust Fund to meet the General Fund, requiring the Department to adopt regulations to implement the provisions of this Act by a certain date, authorizing certain civil penalties for certain violations of this Act.

EXPLANATORY CAPITAL BUDGET MATTER REFERRED TO EXISTING LAW
 (House and Senate action advised from existing law)

SENATE BILL 530
 By Delegates ESNY
 Introduced and read first time February 9, 2009
 Assigned to Education, Health, and Environmental Affairs

A BILL ENTITLED
 AN ACT CONCERNING
Task Force to Study Required Deposits on Returnable Beverage Containers
 FOR the purpose of establishing the Task Force to Study Required Deposits on Returnable Beverage Containers to be formed pursuant to the membership of the Task Force, requiring the Governor to designate the chair of the Task Force, requiring the Task Force to study certain issues relating to required deposits on returnable beverage containers, providing for the members of the Task Force to report the findings and recommendations to the Governor and the General Assembly, or to take a certain action pending further recommendation by the Governor, or to take a certain action pending further recommendation by the Governor, providing for the staff of the Task Force, providing for the members of the Act, and generally relating to the establishment of the Task Force to Study Required Deposits on Returnable Beverage Containers to be formed.

SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND, THAT
 (a) There is a Task Force to Study Required Deposits on Returnable Beverage Containers in the State.
 (b) The Task Force consists of the following members:
 (1) three members of the Senate of Maryland, appointed by the President of the Senate;
 (2) three members of the House of Delegates, appointed by the Speaker of the House; and
 (3) three county or municipal officials who have experience handling recyclable materials, appointed by the Governor.

EXPLANATORY CAPITAL BUDGET MATTER REFERRED TO EXISTING LAW
 (House and Senate action advised from existing law)

PRO'S AND CON'S OF THE BOTTLE BILL

PRO'S



⊙ Prevents Litter



⊙ Promotes recycling & reduces waste



⊙ Creates jobs



⊙ Receives widespread public support



⊙ Provides financial incentives for recycling

⊙ Environmentally significant



⊙ Complements curbside recycling



⊙ Creates more opportunities to recycle



⊙ Encourages producer and consumer responsibility



PRO'S AND CON'S OF THE BOTTLE BILL

CON'S

- ⊙ Will increase the price of beverages
- ⊙ Could lead to a decrease on beverage sales and result in a loss of sales tax revenue to the State
- ⊙ Expensive program - huge investment in new trucks to pick up bottles/cans and gas fees
- ⊙ Food retailers are reluctant to support since it requires them to accept redeemable bottles and many retailers do not have enough space to store them. Also, if stored near fresh food, may create rodent problem
- ⊙ Only addresses beverage container litter which, according to Luke Schmidt of Waste New, makes up 10% of the litter stream
- ⊙ Outdated: when bottle bill was passed, recycling programs were just starting, now we have better programs to offer and don't need a bottle bill, or at this point a bottle bill isn't the best solution anymore
- ⊙ Creates bottling/shipping nightmare for beverage companies and distributors/dealers
- ⊙ People find it inconvenient to travel to local redemption centers and retail stores to recycle and would rather recycle through curbside recycling



**HOW CAN STUDENTS AT
GLENWOOD MIDDLE SCHOOL
GET INVOLVED?**

HOW CAN STUDENTS AT GLENWOOD MIDDLE SCHOOL GET INVOLVED?

STATE ELECTED OFFICIALS



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QUESTIONS

