

## **Timeline for Implementation of 2021 HB164 Provisions**

The [Recycling Market Development Law \(2021 HB164\)](#) requires the Maryland Department of the Environment (MDE) Office of Recycling to promote the development of markets for recycled materials and recycled products of the state. The following identifies the provisions within the law and the current timeline used by the Department.

### **EVALUATE THE AVAILABILITY OF LOCAL, NATIONAL, AND INTERNATIONAL MARKETS FOR RECYCLED MATERIALS AND RECYCLED PRODUCTS**

- *By the 3<sup>rd</sup> Quarter of 2022*, MDE will present summary of evaluations in stakeholder meetings
- *By the 4<sup>th</sup> Quarter of 2022*, MDE will begin populating a recycling market development page on the MDE website with relevant findings in MDE’s investigation of recycling markets, programs, and materials.
- *By the 4<sup>th</sup> Quarter of 2024*, MDE research and collate data identifying existing materials management infrastructure within the state and materials processors within a 400-mile radius of Maryland based material collection infrastructure.
- *By the 3<sup>rd</sup> Quarter of 2026*, MDE will share any GIS mapping associated with this evaluation on the Maryland GIS Data Catalogue

### **MAKE RECOMMENDATIONS TO IMPROVE MARKETS FOR RECYCLED MATERIALS AND RECYCLED PRODUCTS IN THE STATE, INCLUDING MEASURES FOR REDUCING CONTAMINATION OF RECYCLABLE MATERIALS**

- *By the 2<sup>nd</sup> Quarter of 2023*, MDE will have hosted a county recyclers meeting, held stakeholder meetings throughout the state concurrently with other state agencies, and published recommendations to improve recycling markets on a MDE webpage.
- *Beginning 2<sup>nd</sup> Quarter of 2023*, MDE will launch comprehensive education and outreach activities addressing contamination reduction methodologies. Information to be published on MDE website.
- *By the 1<sup>st</sup> Quarter of 2024*, MDE will have performed public outreach both in-person and through webinars and developed printable resources in a variety of cultural languages relative to reduction in contamination

### **IDENTIFY THE RECYCLABLE MATERIALS REPRESENTING THE LARGEST PORTION OF THE RECYCLING WASTE STREAM**

- *2<sup>nd</sup> Quarter of 2022*, MDE conducted a survey of all Maryland county recycling coordinators to identify the materials that represent the largest portion of the recycling waste stream. Cross reference with previous years MRA reports to analyze trends.
- *By the 4<sup>th</sup> Quarter of 2022*, MDE to provide results in stakeholder meetings and publish relevant results on a MDE website.

## **IDENTIFY THE RECYCLABLE MATERIALS THAT ARE IN NEED OF RECYCLING ASSISTANCE**

- 2<sup>nd</sup> Quarter of 2022, MDE conducted a survey of all Maryland county recycling coordinators to identify the recyclable materials that need recycling assistance
- By the 4<sup>th</sup> Quarter of 2022, MDE to provide results in stakeholder meetings and publish relevant results on a MDE website.

## **IDENTIFY THE METHODS FOR COLLECTING AND PROCESSING, AND MARKETING OPPORTUNITIES FOR, RECYCLABLE MATERIALS THAT ARE IN NEED OF RECYCLING ASSISTANCE**

- By the 4<sup>th</sup> Quarter of 2022, MDE to present approaches for consideration in stakeholder meetings and analyze feedback for further review
- By the 2<sup>nd</sup> Quarter of 2023, publish resources supporting methods for collecting, processing, and marketing hard-to-recycle materials.
- By the 3<sup>rd</sup> Quarter of 2025, MDE to develop with other state agencies, programs to support recycling assistance, may include fact sheets and brochures for broader public awareness and facilitation

## **IDENTIFY BUSINESSES IN THE STATE THAT USE RECYCLED MATERIALS, INCLUDING BUSINESSES THAT REUSE, REPAIR, AND REMANUFACTURE RECYCLED MATERIALS**

- By the 3<sup>rd</sup> Quarter of 2023, analyze existing state programs that identify businesses that recycle, reuse, repair and/or remanufacture recycled materials; promote through MDE social media
- Beginning 3<sup>rd</sup> Quarter of 2023, collaborate with other state and local agencies, develop a list of businesses in the state that use recycled materials, including those that reuse, repair, and remanufacture recycled materials, to be posted on webpage and highlighted in MD Green Registry. Continue to support through social media

## **IDENTIFY OPPORTUNITIES FOR BUSINESSES IN THE STATE TO INCREASE THEIR USE OF RECYCLED MATERIALS**

- By the 4<sup>th</sup> Quarter of 2022,
  1. MDE presented at Green Purchasing Committee meeting; and
  2. MDE met with MD Dept. of General Services (DGS) to use DGS Green Purchasing Guidelines as a template for businesses to use for their recycled materials purchasing programs; and
  3. MDE conducted a recycling survey at Baltimore City Community College to observe recycling and purchasing policies and made recommendations to improve processes and procurement; and
  4. MDE will post information online on MDE website detailing types of material that can be purchased in the State that contain 25% or more recycled content.
- By the 4<sup>th</sup> Quarter of 2022, advertise to Maryland Green Registry Program how MDE will recognize businesses increase of recycled content on social media
- Beginning 3<sup>rd</sup> Quarter of 2023, collaborate with state and local agencies to identify methods to drive recycled material use. Endorse state and local commerce programs that provide fact sheets supporting opportunities for businesses to increase their use of recyclable material. Publish and promote programs and materials on MDE website

**PROVIDE RESOURCES TO BUSINESSES TO MATCH SOURCES OF RECYCLED MATERIALS WITH POTENTIAL USERS**

- By the 3rd Quarter of 2022, MDE will present summary of evaluations in stakeholder meetings
- By the 1<sup>st</sup> Quarter of 2024, identify and promote existing digital application tool(s) to support matching surplus materials with businesses that can use the byproduct in their product development.

**EXAMINE BUSINESSES THAT HAVE CLOSED IN THE STATE FOR THE POTENTIAL FOR REOPENING TO USE RECYCLED MATERIALS**

- By the 4<sup>th</sup> Quarter of 2023, revise MDRcycles.org hosted by NMWDA to identify current businesses within the state.
- By the 4<sup>th</sup> Quarter of 2025, MDE to analyze gaps where previous businesses supported recycling of materials and determine how MDE can facilitate potential reopening of businesses that have closed and what commodities they supported.

**EXAMINE OPPORTUNITIES FOR THE CO-LOCATION OF BUSINESSES THAT USE, REUSE, REPAIR, AND REMANUFACTURE RECYCLED MATERIALS**

- By the 4<sup>th</sup> Quarter of 2023, MDE will highlight potential co-location options for facilities that use, reuse, repair and remanufacture recycled materials on existing Commerce platforms with reroute links on MDE webpage. Include information such as zoning, planning, business districts, reuse of urban industrial locations, brownfield redevelopment, etc.

**EXAMINE EXISTING FUNDING MECHANISMS FOR RECYCLING MARKET DEVELOPMENT; AND DETERMINE WHETHER ADDITIONAL FUNDING MECHANISMS ARE NECESSARY TO EXPAND RECYCLING MARKETS IN THE STATE**

- By the 3<sup>rd</sup> Quarter of 2022, MDE will publish funding opportunities relative to the support of recycling market development on the MDE webpage. Updates will occur as MDE is made aware including federal, private, state and local opportunities.
- By the 3<sup>rd</sup> Quarter of 2023, MDE to review funding needs assessment to support recycling and reuse markets within the state

**ESTABLISH AND PROMOTE THE “MARYLAND IS OPEN FOR RECYCLING BUSINESS” CAMPAIGN TO ATTRACT NEW BUSINESSES TO THE STATE**

- Beginning 3<sup>rd</sup> Quarter of 2023, MDE, working in conjunction with MD Dept of Commerce and MDE’s Office of Communications, will identify promotion mechanisms for “Maryland is Open for Recycling Business” such as social media, website, trade publication, and other media campaigns.

**PROVIDE ADVISORY AND TECHNICAL SERVICES TO SUPPORT THE DEVELOPMENT OF MARKETS FOR RECYCLED MATERIALS AND RECYCLED PRODUCTS IN THE STATE.**

- *Beginning 3<sup>rd</sup> Quarter of 2023*, MDE will produce and maintain resources on MDE’s website where businesses and municipalities can investigate and research recycling markets and materials.
- *Beginning 4<sup>th</sup> Quarter of 2023*, MDE will launch publications on MDE’s website including fact sheets with historical commodity information as well as other metrics where MDE has oversight in the state.

**ON OR BEFORE SEPTEMBER 1, 2022, AND EACH SEPTEMBER 1 THEREAFTER, THE ANNUAL MARYLAND SOLID WASTE MANAGEMENT AND DIVERSION REPORT REQUIRED UNDER § 9–204(N) OF THIS TITLE SHALL INCLUDE THE ACTIVITIES CONDUCTED UNDER THIS SECTION.**

*Within the annual solid waste report provide:*

- a summary of availability of local and national markets for recycled materials and recycled products
- recommendations for methods to improve markets and reduce contamination
- summary of recyclable material that need recycling assistance
- solutions/projects for consideration of supporting the collection, processing and marketing opportunities for recyclable material in need of recycling assistance
- summary of recommendations related to the funding mechanisms necessary to expand recycling markets in the state
- summary of Maryland is Open for Recycling Business campaign