

# MassDEP C&D Subcommittee

Via Webinar

October 30, 2020 10:00 AM to 12:00 PM



# Welcome/Safety/Introductions

- Reduce the risk of COVID-19 transmission
- What you can do:
  - Cover your face
  - Socially distance
  - Wash your hands
  - Be vigilant for symptoms
  - Stay home if you feel sick
- For information specific to Solid Waste Industry go to MassDEP webpage:  
<https://www.mass.gov/lists/massdep-solid-waste-policies-guidance-fact-sheets#covid-19->

# Agenda

- Welcome/Safety/Introductions
- C&D Minimum Performance Standard Implementation
- RFI Letters Responses
- Market Conditions (Wood)
- Waste Ban Amendments /WBCP Submittals
- Announcements/Updates

# **C&D MINIMUM PERFORMANCE STANDARD IMPLEMENTATION**

# C&D Minimum Performance Standard

## Goals and Objectives

Simply put...

***Ensure that every ton of C&D material is processed at an MPS-compliant facility***

- Recover maximum value from recyclable/re-usable materials
- Separate all waste ban materials
- Minimize tonnage sent for disposal

# C&D MPS Performance Criteria

- C&D MPS performance criteria:
  1. Achieve a 15% Process Separation Rate (PSR) minimum threshold;
  2. Demonstrate that all banned materials are separated to the greatest extent possible.
- Failure to satisfy either performance criterion constitutes a failure to comply with Waste Ban Regs and Waste Ban Compliance Plan
  - Cannot dispose or arrange for disposal of any C&D materials
  - Must transfer C&D materials to MPS-compliant facility
  - TS may choose to accept only C&D Residuals for disposal from an MPS-compliant facility

# C&D MPS Implementation Plan

- CY2020
  - C&D MPS went into effect in CY2020
  - MassDEP shared C&D MPS facility status based on CY2019 data (RFI letters issued 6/30-8/10); next steps:
    - MassDEP analyzes revised annual report data
    - MassDEP provides feedback on RFI responses
    - Evaluate 1H2020 data to assess impact of COVID-19
- CY2021
  - Facilities submit CY2020 annual report data (2/15/2021)
  - MassDEP publishes MPS facility status based on CY2020 data (ca. 4/30/2021)
  - Start progressive enforcement approach at MPS non-compliant facilities
  - MassDEP continues annual report data QA/QC and periodic site audits

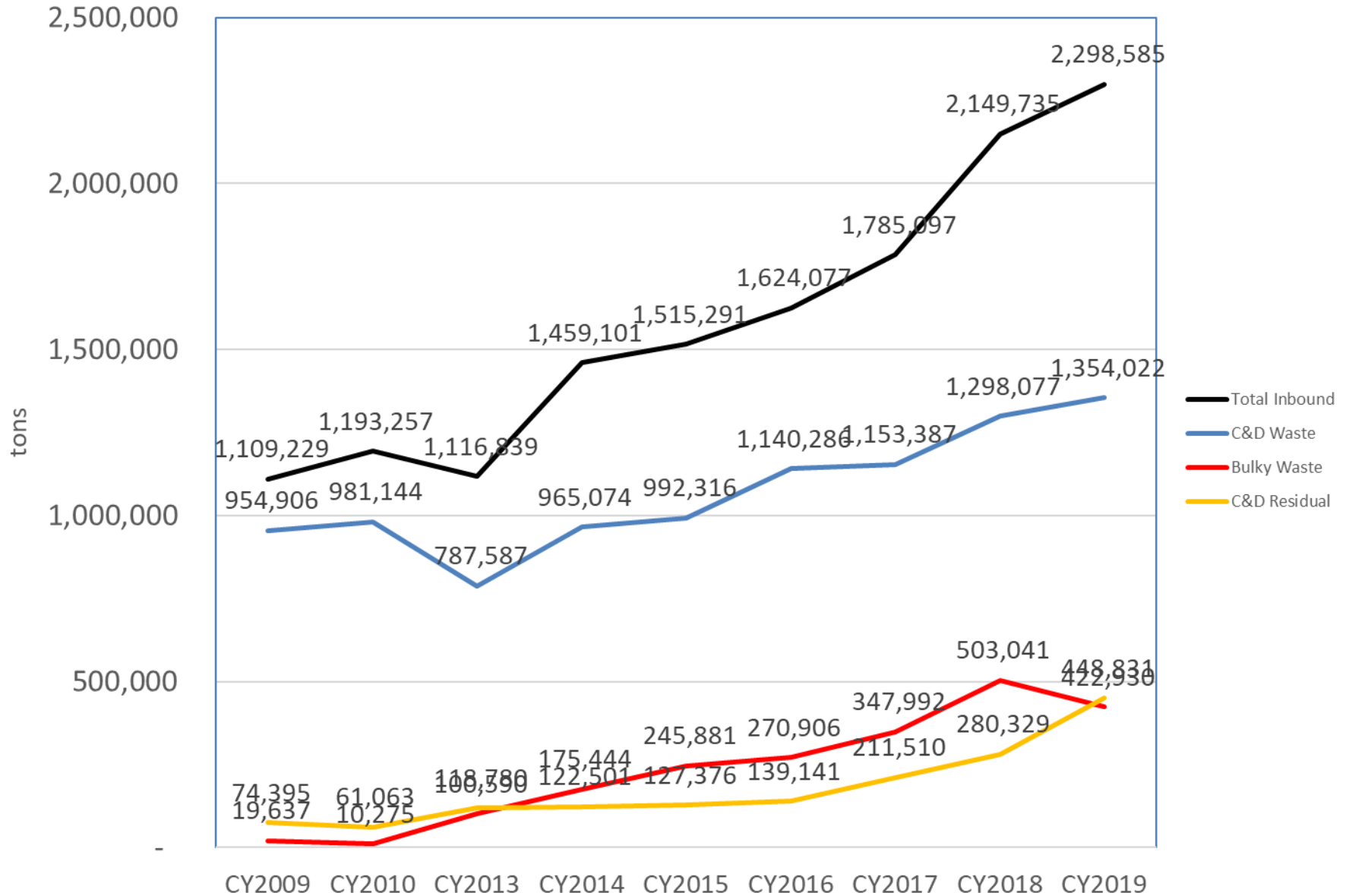
# C&D MPS Resources

The following resources can be found on the MassDEP webpage...

- Minimum Performance Standard for C&D Handling Facilities:  
<https://www.mass.gov/doc/minimum-performance-standard-for-construction-demolition-handling-facilities/download>
- C&D MPS Q&A Guidance:  
<https://www.mass.gov/doc/frequently-asked-questions-faq-minimum-performance-standard-for-cd-handling-facilities/download>



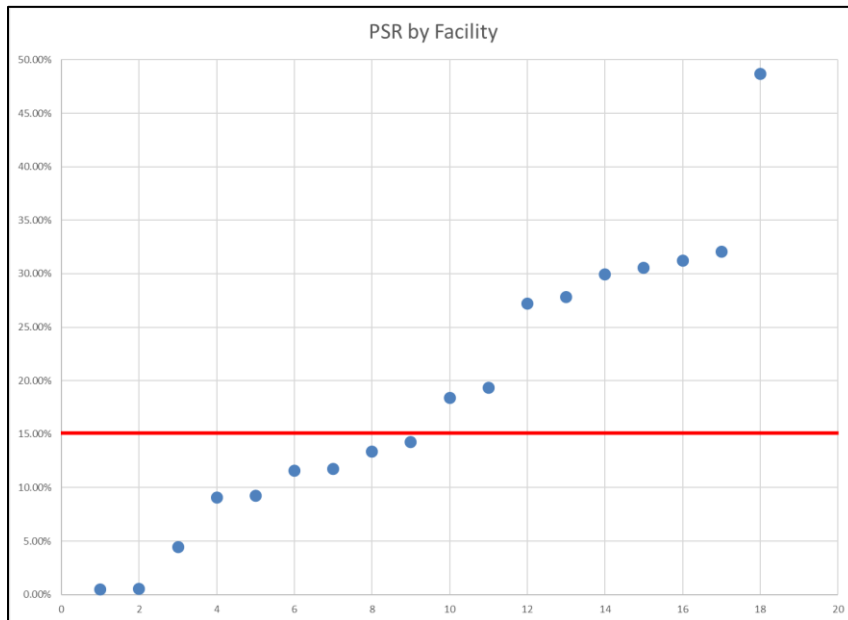
# Trend of Inbound Material Accepted Over Time



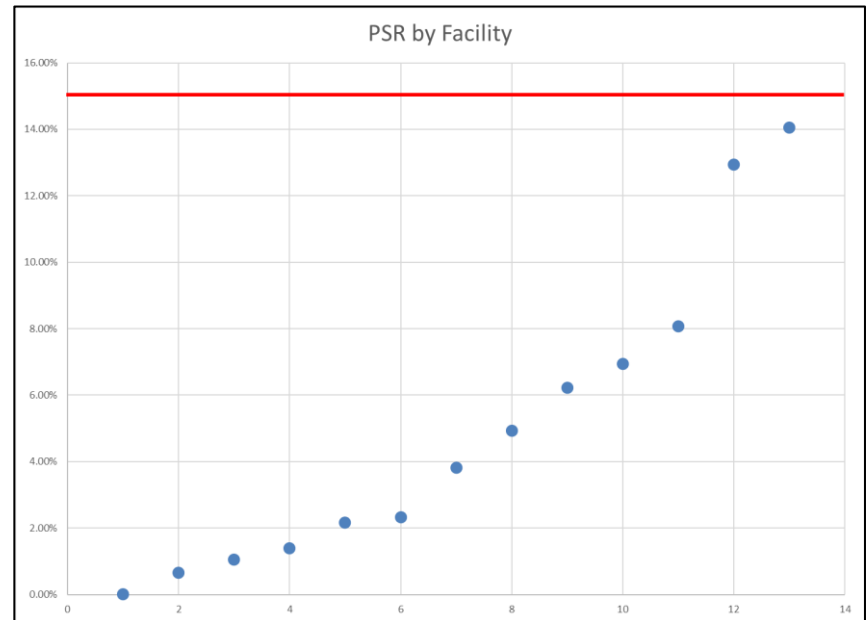
# CY2019 MPS Status

## Criterion #1: Process Separation Rate (PSR)

### 18 C&D Processors



### 13 Lg. C&D Transfer Stations



# Unofficial MPS Status based on CY2019 AR Data

## Facilities meeting both MPS criteria

### **MPS Compliant**

#### **Processors**

- EL Harvey
- NER
- Raynham Reg. Proc. SWTF
- Stoughton Recycling
- TBI
- UMM-Millbury

#### **Lg. C&D TSs**

- None

# Unofficial MPS Status based on CY2019 AR Data

## Facilities meeting PSR, but not separating all C&D WB Materials

### **Processors**

- AKS\*
- Harvey Recycling of Fitchburg
- Wood Waste\*

### **Lg. C&D TSs**

- None

\*Still awaiting certification that C&D Wood transferred to RWS Epping (formerly ERRCO) is received and managed as a source separated material.

# Unofficial MPS Status based on CY2019 AR Data

## Facilities separating all C&D WB materials, but not meeting PSR

### **Processors**

- Resource Waste Services of Roxbury (formerly ReEnergy Roxbury)
- Devens Recycling

### **Lg. C&D TSs**

- Lenox Valley WTF
- UCRTS Cavossa

# Unofficial MPS Status based on CY2019 AR Data

## Facilities not meeting either MPS criterion

### **Processors**

- 120 Old Boston Road Recycling Facility (formerly Western)
- K&W Material & Recycling
- NBWS-New Bedford
- NBWS-Rochester
- NBWS-Sandwich
- Resource Waste Services of Ware (formerly ReEnergy Ware/Tri-County)
- Trojan Recycling

### **Lg. C&D TSs**

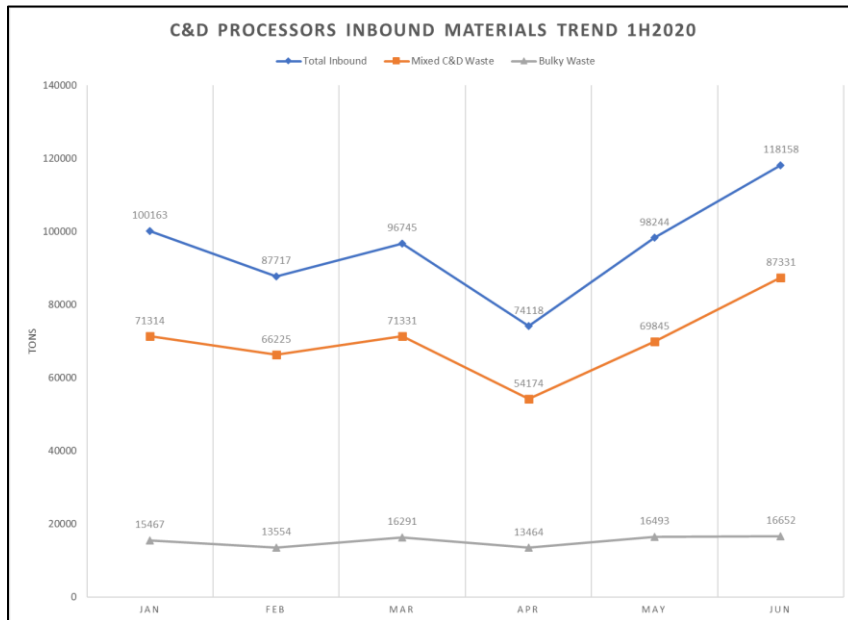
- Casella Holyoke
- Champion City
- F.P. McNamara
- Holliston TS
- James J. Grant Co.
- NEWD
- Oxford TS
- S&J Exco
- Valley Recycling
- Wood Transfer (Allied Waste)

# Request for Information (RFI) Letters

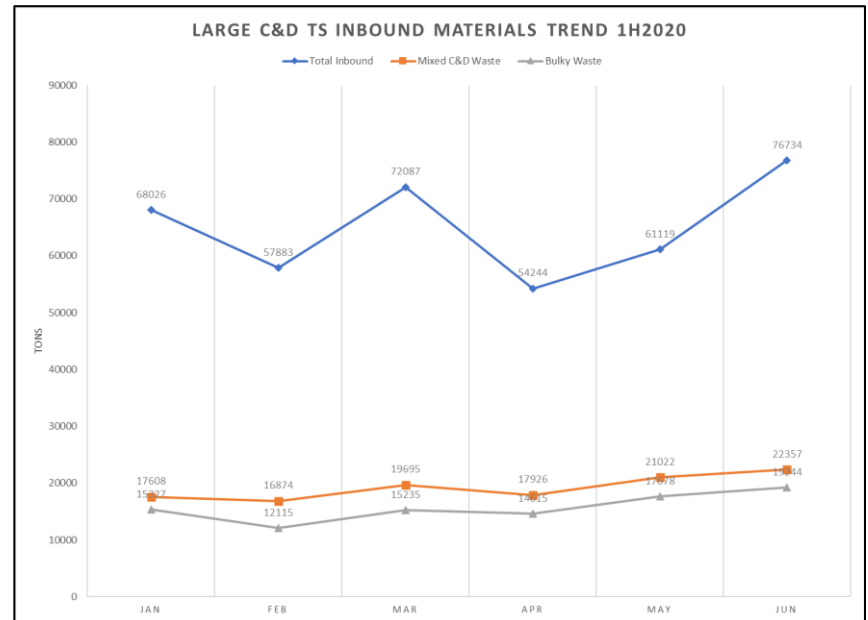
- Issued RFI Letters to all 17 C&D Processors and 12 Large C&D TSs (6/30-8/10)
  1. Collect monthly operational data for first 6 months of 2020
    - Better understand impact of COVID-19
    - Consider adjustments when evaluating compliance based on CY2020 annual report data
  2. Include questions to clarify CY2019 Annual Report Data
    - Improve data quality
- Full or partial responses received from all facilities, but not yet fully analyzed

# 1H2020 Average Monthly Inbound Materials Trends

## 16 Processors



## 11 Lg. C&D TSs

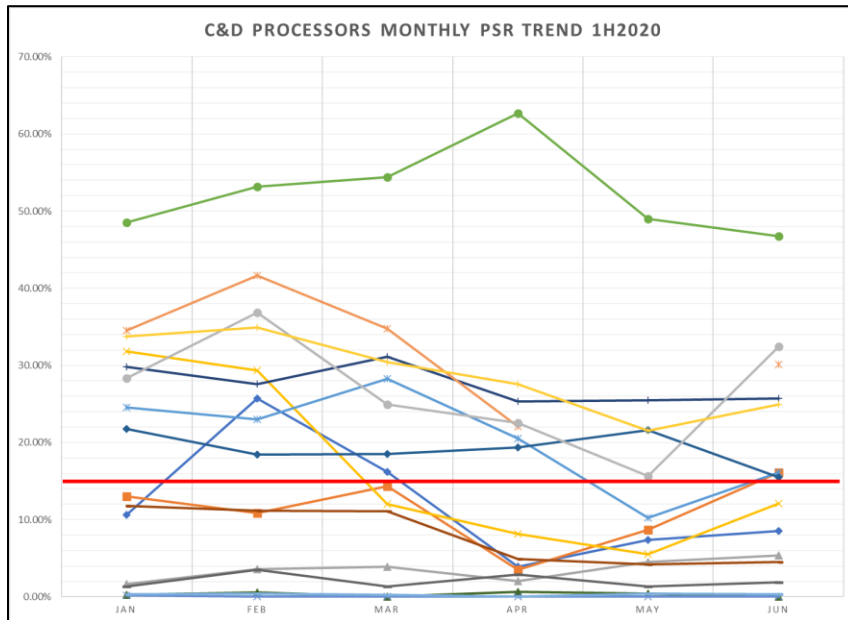




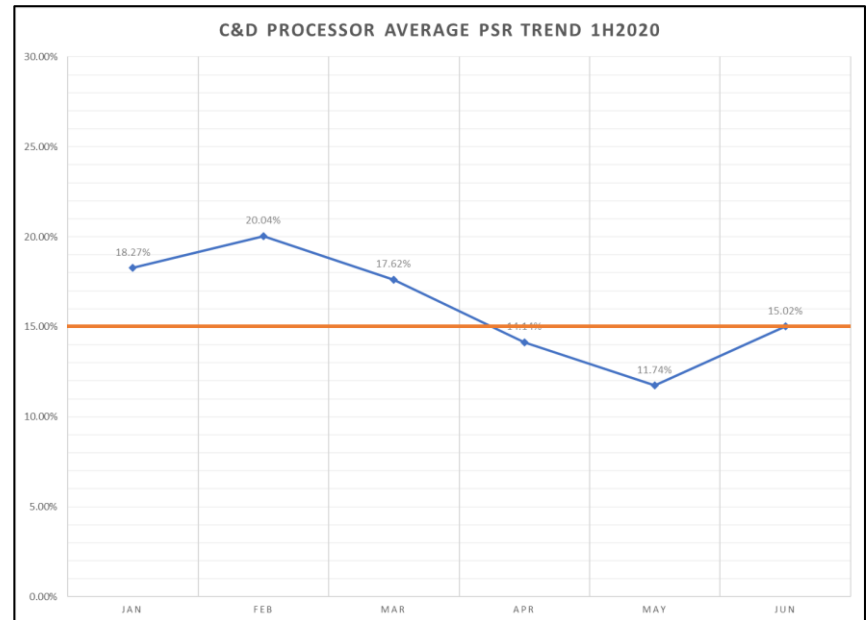
# 1H2020 Monthly PSR Trend Chart

## 16 C&D Processors

Individual facilities



Combined average

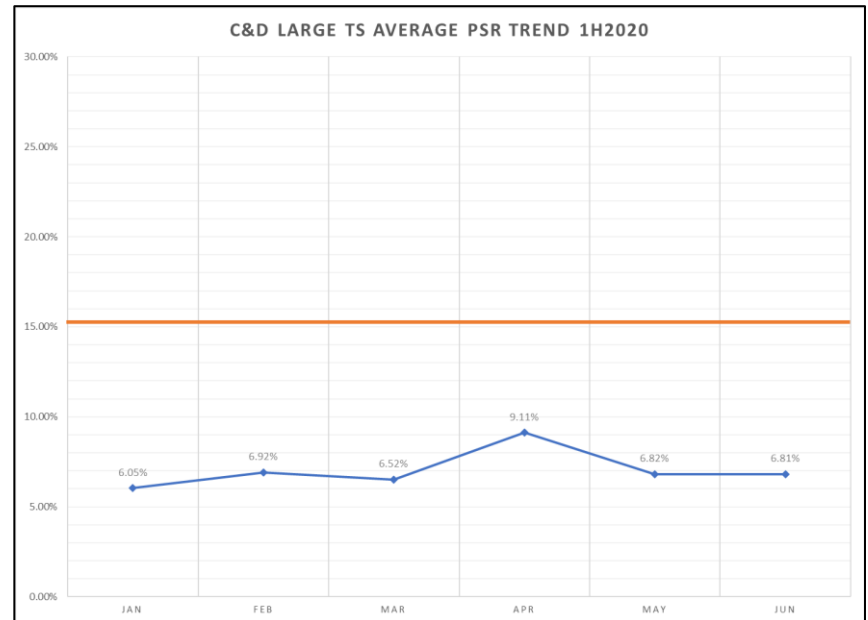
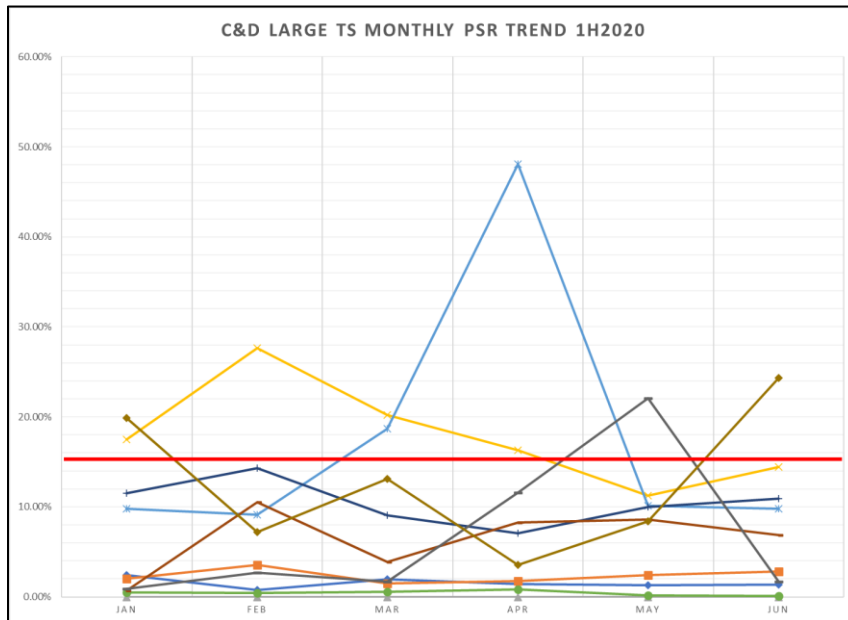


# 1H2020 Monthly PSR Trend Chart

## 11 Large C&D TSs

Individual facilities

Combined average



# Favorable Improvements

- Improved PSR operational performance
  - Casella Holyoke TS (on track to achieve MPS)
- Installed mechanical equipment to increase wood
  - Raynham Recycling Solution (RRSWPTS)
- Permit mods submitted to install mechanical separation equipment
  - 120 OBRRF
  - NEWD
  - UMM-Leominster
- Other process mods
  - WRS Roxbury (increased hours of operation)

# Potential Compliance Issues

- 7 processors consistently below 15% PSR
- Suspect that MPS Non-compliant Facilities continue to dispose, or arrange disposal, of C&D Materials
- Rail Haul TSs are accepting “C&D Residuals” from kick-sort only and MPS non-compliant facilities
- Un-processed or partially processed C&D Materials are being transferred to an out-of-state MPS non-compliant facility

# Market Conditions

- Wood
  - MPS driving facilities to separate more wood
  - Generates more wood meeting spec for biomass or reuse as particle board
  - The residual painted/treated wood (i.e. B-wood) is more concentrated and may be even less marketable
  - Any B-wood allowance will have quantifiable limitations
    - First independently verify inbound wood characterization (% meeting spec vs. not)
    - Establish quantifiable limit on % of wood eligible for B-wood allowance

# Proposed Waste Ban Amendments

- Proposed Waste Ban amendments and revised WB Guidance  
(<http://www.mass.gov/eea/agencies/massdep/news/comment/> )
  - Lower applicability threshold
    - Commercial organic material (food material) from 1 ton to ½ ton/week
  - Add two new waste ban materials
    - Mattresses
    - Textiles
  - Revise Waste Ban Compliance Plan Guidance
- Public comment period
  - Public hearings: 11/09 and 11/12
  - Public comment period ends 12/04
- Anticipated Effective Date: 10/01/2021
  - submit revised WBCPs that reflect MPS requirements 3 months prior to effective date (ca. 7/01/2021)

# **ANNOUNCEMENTS/UPDATES**

# MassDEP Recycling Business Development Grant Program (RBDG)

RBDG: Intended to enhance waste reduction and recycling programs for Massachusetts based businesses.

- Grant awards range from \$50K to \$400K for eligible projects
- Match: grantee must contribute 25% of project investment
- Performance based component extends over 18 – 24 months

## CY2020 Grant Cycle

- Application found at: <https://www.mass.gov/how-to/recycling-business-development-grants>
  - Target materials include: C&D Materials Projects targeting cardboard, wood, metal, or clean gypsum wallboard that will increase the process separation rate at C&D handling facilities
- **Applications deadline: 11/20/2020**



# Solid Waste Facility Reg Revisions

## 310 CMR 19.000

- Special SWAC Meeting
  - MassDEP scheduled virtual meeting to seek input from stakeholders on what issues and changes they would like the agency to address in its solid waste regulations.
  - **Thursday (11/19/2020 @ 10:00 am)**
  - Via webinar; register at:  
<https://global.gotomeeting.com/join/187260149>

# Announcements/Open Discussion

- EBCNE 15<sup>th</sup> Annual C&D Regional Summit
  - Virtual meeting
  - Thursday, January 28, 2021



<http://ebcne.org/calendar/>

Any other business to discuss?

## For More Information:

### Point of Contact:

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