

SWAC C&D Subcommittee Meeting – Oct-2024
MassDEP – Bureau of Air & Waste – Solid Waste Management Division
Oct 1, 2024; 10:00 AM to 12:00 PM (Virtual Meeting via Zoom webinar)

Meeting Notes: Recorded by Mike Elliott (MassDEP)

NOTE: Copies of the meeting notes and presentation slides are available on the MassDEP C&D Subcommittee webpage found at the following link: <https://www.mass.gov/service-details/massdep-construction-demolition-subcommittee>. Submit comments via email to michael.elliott@mass.gov.

Agenda

- Welcome
- C&D Annual Report form improvements
- MassDEP Program Updates
 - Recycling Market Development Work Group
 - Deconstruction Work Group
 - C&D Process Separation Rate incremental increases
- Announcements

Welcome/Introductions

MassDEP welcomed participants to the webinar.

- 51 individuals registered for the meeting.
- Registrants reflected a cross-section of the C&D industry stakeholder groups.
- The number of organizations represented in each stakeholder group category was as follows:
 - C&D Facilities/waste haulers: 12 (9/3)
 - Recyclers: 4
 - Reuse Store: 1
 - Construction/Demo Contractors: 8 (7/1)
 - Consultants/Architects/Designers: 1
 - Manufacturers: 1
 - Trade Associations: 1
 - Government Agencies (State/Municipal): 4 (3/1)
 - NGOs/Academia: 3 (3/0)
- During most of the meeting, there were approximately 38 participants on the call.

C&D Annual Report form improvements

MassDEP reported that it plans to convene a workshop with interested stakeholders later this month to come up with a list of proposed improvements to the C&D Facility Annual Report Form and Instructions. (<https://www.mass.gov/how-to/construction-demolition-facility-annual-reporting>). MassDEP then shared some initial ideas for improvements based on MassDEP observations/experience, best practices in surrounding states, and construction firm sustainability managers observations/experience. (See the meeting presentation slides for more specifics about the revisions under consideration.

Providing a Construction Manager's perspective, Cameron Burkacki of Consigli Construction shared his observations and experience working with the C&D annual report forms to demonstrate to their clients and shareholders that they are sustainably managing C&D materials on their jobsite. This is not always easy given the inconsistencies and lack of precision and accuracy from one facility report to another. And Consigli is not alone its concern, there are at least eight other large, well-known construction firms

that share the same concerns. They have reached out to MassDEP to try to improve the quality of the annual report data collection. Cameron summarized the main theme of his comments as “DATA INFORMS ACTION”, across a range of applications: e.g., regulation, performance metrics, innovation, owner expectations, etc.)

We got some interest from those on the call to participate in the annual report form revision process (especially the C&D Facilities). To that effect, MassDEP will be sending out a separate invite to participate in hybrid workshop to develop a list of revisions for consideration. Ideally, we’d like to get internal management approval for the first set of revisions (“the low hanging fruit”) in time for the next round of C&D facility annual report submittals in 2025.

MassDEP Program Updates

Recycling Market Development (RMD) Work Group Updates: Sean Sylver, an environmental planner from the Commercial Waste Reduction Branch provided this update.

- Sean started with a recap of the September 17 RMD Work Group meeting. You can find a recording of that meeting at the following link: [Recycling Market Development Workgroup Archive | Mass.gov](#).
- He then described the proposed Innovation Grant Program that MassDEP hopes to launch in early 2025
 - The innovation grant program would support adoption of new technologies that would significantly expand processing capacity, or provide new end markets for materials with limited outlets, or enable higher value markets, or potentially achieve other desirable program outcomes.
 - In the second to last slide of his presentation, Sean included questions regarding the design and implementation of the innovation grant program. MassDEP is soliciting feedback from all interested parties including the C&D Subcommittee stakeholder group. So if you have anything to add on these questions, please send your responses to Sean at sean.sylver@mass.gov. Sean asked to submit responses by Friday (10/11) or at your earliest convenience.
- There were a number of comments from the stakeholder group on this topic:
 - Phil Goddard, Town of Bourne, suggested that target materials for the innovation grant should include a number of green energy waste items (e.g., solar panels, wind turbine blades, etc.)
 - John Hyde suggested that the innovation grant should be used to encourage salvage and resale of deconstruction materials.
 - John Parrott, of Northern Tree, suggested that MassDEP might consider speaking to DOER about any interest in carving out a portion of the Waste-to-Energy (WEC) credits for advanced energy/fuel recovery technologies.

Deconstruction Work Group Updates: Kathi Mirza, the Municipal Waste Reduction Branch Manager, provided this update.

- Kathi provided an overview of the formation and charter of the deconstruction work group.
- Deconstruction is one of a range of waste reduction strategies that MassDEP supports to help achieve the Solid Waste Management Plan 2030 goal to reduce C&D waste disposal by 260,000 tons annually.

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- The Deconstruction Work Group has met 7 times since its formation in September 2022. You can find recordings of the previous work group meetings at the following link: <https://www.mass.gov/lists/reduce-reuse-rr-working-group-deconstruction-workgroup-archive>.
- The next step is to organize a workshop with external stakeholders to draft a municipal deconstruction ordinance template.

C&D Process Separation Rate incremental increases: Mike Elliott, an environmental analyst in the Solid Waste Section provided this update:

- MassDEP reported that the C&D Minimum Performance Standard (MPS) was updated in July 2024. Here's the link to the latest version: <https://www.mass.gov/doc/minimum-performance-standard-for-construction-demolition-handling-facilities/download>.
- In the latest update, the MPS performance criteria remain the same, but we switched the order in which they appear – Criterion #1 is now separate all banned materials to the greatest extent possible; and criterion #2 is the requirement to meet or exceed the process separation rate (PSR) minimum threshold. We did this to emphasize that it is not enough to simply meet the PSR minimum threshold. First and foremost, a C&D handling facility must comply with the MassDEP Waste Ban requirements and its site-specific waste ban compliance plan. That may require going above and beyond the PSR minimum threshold.
- Another significant change to the July 2024 MPS Update is the addition of a schedule of incremental increases in the PSR minimum threshold for Criterion #2, from the 15% currently in effect, to 25% in 2030. Based on the waste characterization data reported in the 2022 Bulky Waste Characterization Study (<https://www.mass.gov/doc/statewide-bulky-waste-characterization-study-june-2022/download>), MassDEP believes that increasing the PSR minimum threshold incrementally from the current 15% to 25% by 2030 is achievable.
- Next steps:
 - C&D Processing Facilities: By 11/01/2024, these facilities must submit a revised Waste Ban Compliance Plan recognizing the increases to the PSR minimum threshold through 2030 under a BWP SW45 permit mod application (presumptive approval)
 - C&D Transfer Stations (that transfer all C&D materials to an MPS compliance facility for further processing): Unless requested by Regional SW Staff, there is no obligation for C&D Transfer Stations (C&D TS) to submit a revised WBCP, provided that the facility:
 - Operates as a C&D TS, and will continue to operate that way. or
 - Operates as solid waste TS permitted to accept no more than 50 TPD C&D Waste, or
 - Operates as Municipal TS that aggregates C&D waste loads from vehicles with capacity of 5 cu. yds. or less

Announcements

CDRA (<https://www.cdrecycling.org/>): Ms. Terri Ward, the Executive Director and CEO of the CDRA provided an overview of the following initiatives that CDRA is actively working on at present. Please reach out to Terri if you wish to get involved or seek further information. Terri can be reached at the following email: ward@cdrecycling.org.

- Recycled gypsum Life-Cycle Assessment
- California Extended Producer Responsibility (EPR) legislation for gypsum wallboard

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- Recycled Asphalt Shingles (RAS) Life-Cycle Assessment for use of <3/8" RAS in pavement applications (in collaboration with National Asphalt Paving Association)
- LEED v5
- End Markets Development Committee

EBC-C&D Summit (<https://ebcne.org/>): The EBC-New England 19th Annual C&D Materials Summit

- Friday, January 31, 2025; 9:00 AM to 3:00 PM
- In-person at Doubletree Hotel, Westborough, MA
- Planning Team will start convening soon; if interested to serve on planning team, contact Ann Gisinger, EBC President and Executive Director: agisinger@ebcne.org.

Point of Contact

Mike Elliott's contact information is as follows:

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END of Meeting Notes.