

Massachusetts Materials Management Capacity Study

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PRESENTED TO:

DATA SUBCOMMITTEE

11/9/2018



Study Background

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- MassDEP beginning development of 2020-2030 Solid Waste Master Plan
- 2018 Focus – gather background info and stakeholder input to support development of Draft Plan
- Many Master Plan issues related to materials management capacity

Study Background

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- MassDEP issued RFQ and selected MSW Consultants
- Project timing – complete study in October
- Present at October SWAC meeting
- MassDEP will use study findings to inform draft plan development

Study Summary

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- **The purpose of this study is to:**
 - compile facility and capacity data across applicable facilities and activities
 - conduct in-state market and capacity analysis
 - conduct relevant out-of-state market and capacity analysis
- **The project will assess materials management capacity across:**
 - disposal
 - transfer stations
 - recycling
 - composting
 - anaerobic digestion
 - animal feed
 - reuse operations

Study Summary (cont.)

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- For every included facility, MSW Consultants will acquire, analyze, and present the following data:
 - descriptive information
 - permitted and actual capacities
 - visible forward supply of disposal capacity
 - additional information unique each category
- All information will be compiled into a comprehensive capacity inventory. Findings will be delivered via a written report and presentation to the Massachusetts Solid Waste Advisory Committee.

In-State Facilities

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In-State Disposal

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- All in-state landfills, WTE, and transfer stations in Massachusetts will be included.
- In addition to the general information, the study will include the estimated useful life of the facilities, and data detailing transfers from MA transfer stations to out-of-state facilities.

In-State Processing

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- In-state processing facilities to be included are:
 - MRFs
 - C&D processors
 - compost sites
 - anaerobic digestion facilities
 - animal feed operations
 - other relevant recycling or organics processing facilities
- In addition to the general information, the study will produce a projected capacity growth over 5 years.

In-State Reuse

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- In-state reuse operations to be included are:
 - food rescue programs
 - textiles and household goods resellers
 - building materials and household furnishings resellers
 - institutional/commercial furniture and equipment resellers
- The following reuse operations are beyond the scope of this study:
 - computer and electronic appliance remanufacturers
 - motor vehicle parts resellers
 - tire retreaders
 - wood reuse
 - other retail used merchandise
 - materials exchange services

Out-of-State Facilities

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Out-of-State Disposal

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- All out-of-state landfills, WTE, and transfer stations within a 30-mile radius from the MA border will be included.
- Additionally, landfills and WTE facilities accepting at least 5,000 tons of MA waste will also be included, regardless of distance.

Out-of-State Disposal (cont.)

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- In addition to the general information, the study will also acquire, analyze, and present the following data:
 - out-of-state data vs MA data regarding volume of MA waste received
 - estimated useful life
 - state-level disposal pricing data and trends
 - likely trends in availability of out-of-state disposal capacity
 - approximate truck and rail transportation costs

Out-of-State Processing

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- Only out-of-state processing facilities within a 30-mile radius from the MA border will be included.
- Facilities to be included are:
 - MRFs
 - C&D processors
 - compost sites
 - anaerobic digestion facilities
 - animal feed operations

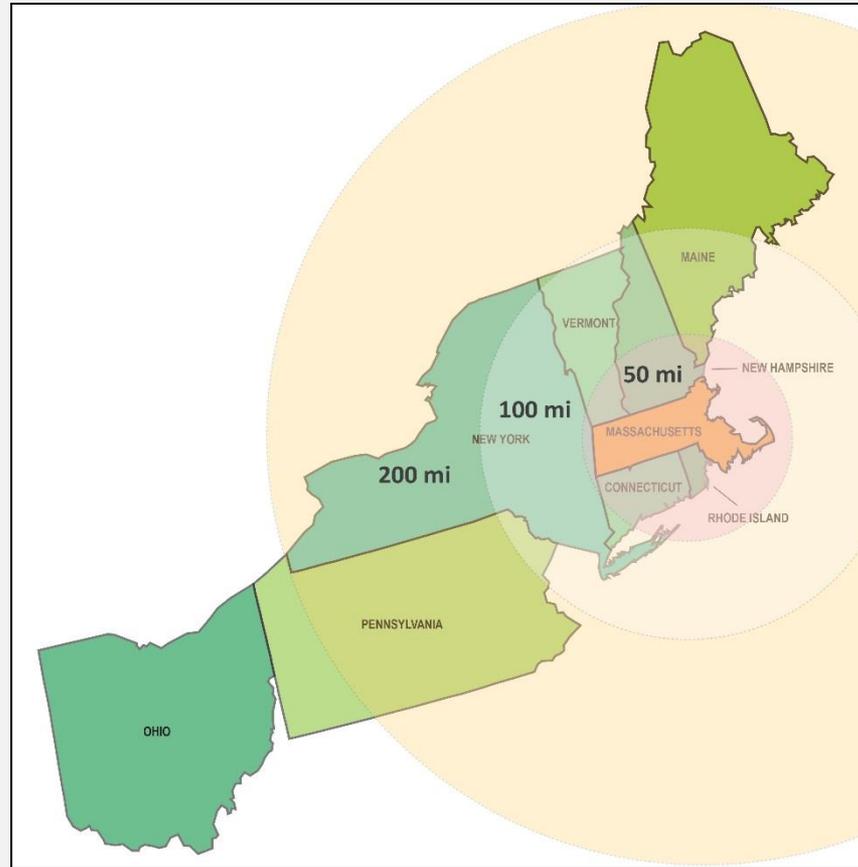
30-Mile Radius

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Anticipated Receiving States

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End of Presentation

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