



**NORTHEAST STATES' DEPARTMENTS OF TRANSPORTATION USE OF POST-CONSUMER RECYCLED GLASS
FACT SHEET**

State	Are there BUDs/specifications* for the use of post-consumer recycled glass** by the DOT?	Is the DOT Using Post-Consumer Recycled Glass?
Connecticut	Yes	Not recently***
Delaware	No	Not recently****
Maine	No, but is considering the use of glass foam (made from post-consumer recycled glass) for backfill material	No
Maryland	No response received	No response received
Massachusetts	Yes	Not recently
New Hampshire	Yes	Not recently, but used by municipalities and contractors***
New Jersey	No response received	No response received
New York	Yes	Yes, but seldom due to insufficient quantities
Pennsylvania	Yes	Not clear if used by PennDOT, but used by municipalities and contractors
Rhode Island	No	No
Vermont	Yes	No, but used by municipalities and contractors

* Definition of BUD (Beneficial Use Determination) - is a designation made by a state over waste material that is to be beneficially used.

**Post-consumer recycled glass is cleaned and crushed before it is used for DOT applications.

*** CT and NH DOTs used glass for road applications many years ago, but the results were not good.

**** Since DE changed its recycling collection systems to single stream, the increased cost to clean the recycled glass makes it economically infeasible for road applications.

ACCEPTABLE APPLICATIONS OF POST-CONSUMER RECYCLED GLASS BY STATE DOTs									
	Bituminous Concrete	Blasting Abrasive	Drainage	Embankment	Pipe Bedding	Processed Glass Aggregate (PGA)	Structural Fill	Sub-base for roads	Underdrain Filter Material
Connecticut	X			X			X		
Maine*							X		
Massachusetts						X	X	X	
New Hampshire			X		X	X	X	X	
New York			X	X	X		X	X	X
Pennsylvania**		X			X				
Vermont			X				X	X	

*ME – Is considering the use of glass foam (made from post-consumer recycled glass) for backfill material

**PA - Recently approved the use of glass foam aggregate made from 100% post-consumer recycled glass, but no BUDs or specifications for this application.

LINKS TO STATE BUDS/SPECIFICATIONS FOR POST-CONSUMER RECYCLED GLASS APPLICATIONS

CT - <https://www.ct.gov/dot/cwp/view.asp?a=3609&q=430362>

MA - <https://www.mass.gov/lists/massdep-solid-waste-policies-guidance-fact-sheets>
<https://www.mass.gov/files/documents/2017/10/23/SupplementalSpecs20150701.pdf>

NH – https://www.nh.gov/dot/org/projectdevelopment/highwaydesign/specifications/documents/2010_Division_300.pdf, State spec refers to AASHTO – M318
<https://www.document-center.com/standards/show/AASHTO-M318/history/>

NY - https://www.dot.ny.gov/portal/pls/portal/mexis_app.pa_ei_eb_admin_app.show_pdf?id=12742
https://www.dot.ny.gov/divisions/engineering/technical-services/technical-services-repository/alme/pages/rec_mat.html

PA – http://www.dot.state.pa.us/public/PubsForms/Publications/Pub_408/408_2016/408_2016_6/408_2016_6.pdf,
<http://www.dot.state.pa.us/public/Bureaus/design/SEMP/Specifications/CRUSHED%20GLASS%20FOR%20PIPE%20BEDDING%20AND%20BACKFILL%20SPECIFICATION.pdf>

VT -

<https://outside.vermont.gov/agency/VTRANS/external/docs/construction/02ConstrServ/PreContract/2011SpecBook/2011%20Standard%20Specifications%20for%20Construction%20Book.pdf> (Page 301)

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