



**The City of New York**  
**BUSINESS INTEGRITY COMMISSION**  
100 Church Street · 20th Floor  
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Daniel D. Brownell  
*Commissioner and Chair*

***Minutes of a Meeting of the  
Trade Waste Advisory Board***

Date and time: February 22, 2018 at 10:00 a.m.  
Location: New York City Business Integrity Commission  
100 Church St., 20th Floor, New York, NY 10007

*Attendees:*

Business Integrity Commission

Daniel Brownell, Commissioner and Chair  
Noah Genel, Deputy Commissioner of Legal Affairs and General Counsel  
David Mandell, Deputy General Counsel for Regulatory Enforcement  
Salvador Arrona, Director of Policy  
Elise Ryan, Senior Legal Analyst (notes)

Industry

Adam Mitchell, Sales Manager, Mr. T Carting Corp.  
Steven Changaris, Regional Manager, National Waste & Recycling Association (NWRA)  
Kendall Christiansen, Executive Director, New Yorkers for Responsible Waste  
Management (NYRWM)  
Andy Moss, Government Affairs Manager, Waste Connections  
Nino Tristani, COO, GPB Waste NY, LLC  
John DiNardi, Secretary and Treasurer, D&D Carting Co. Inc.

Invited Guests

NYC Mayor's Office

Tom Eisele, Office of Recovery and Resiliency  
Kate Gouin, Office of Sustainability  
Ross MacWhinney, Office of Sustainability

Non-City

Herb Northrop, COO, AeroAggregates, LLC  
Floris Keverling Buisman, CEO, Glavel, Inc.  
Jeremy Latriano, Business Development, 475 High Performance Building Supply

## ***BIC agenda items***

1. Glass Recycling: presentations by Herb Northrop, COO, AeroAggregates LLC and Floris Keverling Buisman, CEO, Glavel, Inc.
  - a. Northrop: AeroAggregates is a Pennsylvania-based company that produces lightweight aggregates from 100% recycled glass. Their manufacturing process can take source-separated glass and clean it to make foam glass.
    - i. AeroAggregates has a plant located near the Philadelphia Airport which processes 50,000 tons of recycled glass per year.
    - ii. They are evaluating a 2<sup>nd</sup> location to service the New York City market. A new plant would require a 10-acre site and a 60,000 sq. ft. building.
    - iii. AeroAggregates would charge a fee to haulers to dump recycled glass at their facility. The fee would be evaluated based on the quality of the material. They would prefer to clean the material at their plant for more quality control. They would also work with haulers on arrangements to ship the material to their facility in Pennsylvania.
  - b. Buisman: Glavel is a New York-based company that produces sub-slab insulation and gravel made from 100% recycled glass. Their manufacturing process transforms municipal waste glass into foam glass for insulation materials and aggregates.
    - i. Glavel has a plant located off the NYS Thruway near Albany which processes 17,000 tons of recycled glass per year supplied by haulers within a 100 mile radius.
    - ii. Buisman believes that there is a lot of interest in the NYC area for their product as building and infrastructure solution.
  - c. The members of the Mayor's Office of Sustainability stated that the City is exploring a full range of solutions that will satisfy all goals, *i.e.*, the City is not promoting a single solution or vendor, but rather reviewing at all options. In addition to foam glass aggregates like AeroAggregates and Glavel, they are also evaluating Urban Mining Northeast, which produces glass pozzolan that can be used in concrete products. The City is studying the entire economic and environmental lifecycle of getting these products to the market. Products that have a circular economy are a preferred solution.
  - d. At the conclusion of the glass-related presentation, the invited guests left the TWAB meeting, and the meeting continued as set forth below.
2. Safety
  - a. BIC's [Trade Waste Safety Manual](#) was released on February 22, 2018. A copy of the manual was distributed to each industry member.
  - b. The Safety Manual is intended to be used as a supplement to a company's existing safety plan. BIC is considering adding a requirement for each licensee/registrant to submit a safety plan to BIC.

- i. Industry members provided feedback that each business should be able to create a safety plan internally or at least be able to certify that they have an existing safety plan.
  - c. 4th Safety Symposium: April 11, 2018
    - i. Six vendors have accepted an invitation to present their safety products at the symposium.
    - ii. The event will ideally feature 8 – 10 vendors that each feature a different type of safety equipment, *i.e.*, personal protective equipment, cameras, lighting, mirrors, etc.
- 3. Data Requests
  - a. BIC will be publishing a master list of haulers which also reflects the different types of trade waste that each hauler collects. This data was previously requested by the industry members.
    - i. Mr. Christiansen hopes this new data set will clarify the reported data regarding trucks involved in crashes and fatalities. He requested that truck crash data and statistics be reported in three separate categories: 1) licensees who service commercial establishments; 2) licensees and registrants who perform other types of waste hauling; 3) unlicensed/unregistered trucking companies.
    - ii. Commissioner Brownell responded and challenged the entire group to institute a new way of thinking regarding safety. Trade waste companies should change the way they operate regarding safety. It starts with us figuring out a way to get trucks to slow down. Since the dialogue regarding safety in the industry began, BIC has received an increased number of complaints regarding unsafe operations in the industry.
    - iii. Mr. Changaris expressed that they want to be part of the solution in fixing safety issues in the industry. Receiving a Notice of Violation is not effective without management directly addressing the problem and correcting it. Changaris stated that the industry wants to continue to move forward like they did by assisting with the creation of the Safety Manual, attending the Safety Symposiums, and contributing to the TWAB discussions.
- 4. Emissions Law (LL 145 of 2013)
  - a. BIC is launching the Vehicle Manager Portal soon. It will include emissions data, type of truck, VIN numbers, plate numbers, etc.
- 5. Data Collection: BIC will be issuing a Commission directive to licensees regarding truck routes for commercial waste, organics and recycling collection. The reporting period will cover a one week period from Sunday, March 4, at 5:00 p.m. – Sunday, March 11, at 5:00 p.m. The data will be due by 5:00 p.m. on Friday, March 23, 2018.
- 6. The CAPA hearing regarding new rules that relate to organic waste will be held the morning of March 13, 2018.
- 7. Commissioner Brownell's annual budget testimony before the City Council is scheduled for March 14, 2018.

8. Commission meeting: On February 20, 2018, BIC held a Commission Meeting where the Commission denied four registration applications and voted to approve the promulgation of a number of new rules / rule amendments in relation to the Mayor's retrospective rules review. The amended rules will be published next week and will be effective 30 days later.

***Agenda items requested by non-BIC TWAB members***

9. Commission directive regarding BIC decals
  - a. There were questions about the need for a Commission directive regarding decals. There were questions regarding whether the carter or the commercial establishment should be responsible when a decal is not posted on a commercial establishment.
  - b. BIC informed that DSNY can issue administrative violations to the commercial establishment for not displaying the decal, and BIC can issue administrative violations to licensees for not providing a decal to their customer. The directive was meant to serve as a reminder that licensees must provide decals to their customers.
10. Commercial Zone Data Upgrade
  - a. If DSNY will require additional data, the industry would like to cooperate and be involved early on in the process.
11. *Next TWAB meeting:* Thursday, March 22, 2018 at 10:00 a.m., 100 Church St.