

HOUSATONIC RESOURCES RECOVERY AUTHORITY

MINUTES Monday, March 2, 2020, 10:30 a.m.

Brookfield Town Hall 100 Pocono Road, Brookfield CT 06804

| Members or Alternates Present | | Others Present: |
|------------------------------------|----|------------------------------------|
| Bethel, Matt Knickerbocker (phone) | 8 | Sheldon Conn, Brookfield Alternate |
| Bridgewater, Curtis Read | 1 | Cyndy Andela, Andela Products |
| Brookfield, Steve Dunn | 7 | Ed Spinella, All American Waste |
| Danbury, Joel Urice | 36 | Lynn Waller, Public |
| Kent, Jean Speck | 1 | Bob Hanna, Public |
| New Fairfield, Pat DelMonaco | 6 | |
| Newtown, Fred Hurley | 12 | |
| Redding, Julia Pemberton | 4 | |
| Ridgefield, Rudolph Marconi | 11 | |
| | 86 | |

Members Absent

New Milford Sherman

<u>Call to Order</u>: The meeting was called to order by Vice Chairman S. Dunn at 10:30 a.m. with a quorum of 86 votes present from nine towns. S. Dunn led everyone in the pledge of allegiance.

<u>Public Comment</u>: Lynn Waller expressed her gratitude to the Executive Director for going on air with the local TV channel Comcast Channel 23. J. Heaton-Jones was interviewed by J. Urice on what residents can and cannot recycle. L. Waller offered the Director and the HRRA to use the footage as needed for public education.

<u>Chairman and Members' Comments:</u> No comments shared by the V. Chairman.

The Chairman suggested that item 7a (Presentation by Andela Products) be moved so that guest Cyndy Andela did not have to wait an hour to present.

Motion by C. Read second by P. DelMonaco to move item 7a – Presentation by Andela Products to the top of the agenda. Vote: **The motion passed unanimously**; with 86 votes in favor

New Business:

a. <u>Presentation by Andela Products – Glass pulverizing system</u> - Cyndy Andela gave a thorough presentation on the glass pulverizing system they manufacture and provide to municipalities. The presentation can be found as an attachment to the minutes.

<u>Directors Report</u> – J. Heaton-Jones reviewed highlights from the written Directors Report. Specifically, high lighting a meeting with CT DEEP and other municipalities concerning the status of MIRA and MSW capacity in the state of Connecticut. J. Heaton-Jones urged the members to begin thinking beyond the current contract that ends in 2029.

Administrative Approvals:

- **a.) Minutes Motion** by J. Urice second by J. Speck to approve the minutes of December 13, 2019 (Attachment B) Vote: **The motion passed unanimously**; with 86 votes in favor
- **b.)** Financial Statements Motion by P. DelMonaco, second by R. Marcnoi, to approve the financial statements through January 31, 2020 (Attachment C), as presented. **Vote: The motion passed unanimously;** with 86 votes in favor.

Old Business:

- **a.)** Recycling market update The Director reported that market conditions have not improved since the last HRRA meeting in December. Oak Ridge has requested an increase in the recycling tip fee. The Executive Committee will be meeting on Wednesday, March 11th to discuss their request and come back to the Authority with a recommendation.
- **b.)** Glass program update The Director shared that Oak Ridge is still negotiating with Urban Mining on tip fees. There is now an issue with the size of the glass the municipalities are collecting. Urban Mining does not want the glass whole.

New Business:

- b.) New Membership to the HRRA The Town of Weston is interested in joining the HRRA as a new member. The Director reviewed the amount of tonnage they produce each year and the revenue it would bring to the HRRA. Members discussed the pros and cons of a new member. Motion by M. Knickerbocker, second by R. Marconi to have the Executive Committee review the Town of Weston's request and come back to the Authority with a recommendation and to have the Executive Director reach out to Oak Ridge for their input and response. Vote: The motion passed unanimously; with 86 votes in favor
- c.) Household Hazardous Waste events for 2020 The Director reviewed the proposed schedule for municipal support at the 2020 HHW events. (Attachment F) Motion by F. Hurley, second by J. Speck to accept the Household Hazardous Waste Schedule for Workers and Volunteers by Town in 2020 as presented. Vote: The motion passed unanimously; with 86 votes in favor
- **d.) HRRA 2020 Legislative Agenda** J. Heaton-Jones reviewed nine proposed legislative items, eight of which will be heard by the Environment Committee on March 6th.
- **e.) PAYT next steps** Due to time. **Motion** by R. Marconi, second by F. Hurley to table item 7e (PAYT next steps) to the May 4th meeting. **Vote: The motion passed unanimously;** with 86 votes in favor
- **f.)** Personnel Benefits for Employees Motion by J. Urice, second by F. Hurley to enter into Executive Session for the purpose of discussing personnel matters pertaining to benefits and to invite the Executive Director into the meeting. Vote: The motion passed unanimously; with 86 votes in favor The Authority entered Executive Session at 12:00pm and returned to public at 12:25pm.

Motion by S. Dunn, second by M. Knickerbocker to offer the Connecticut Partnership 2.0 Health Plan to any full-time employee, with the employee contributing 20% of the cost regardless of the type of plan, i.e. Individual, Employee +1 or Family. The 20% would be withheld from salary. The plan is to include Health, Dental and Vision. **Vote: The motion passed unanimously;** with 86 votes in favor

Adjournment

Motion by S. Dunn, second by F. Hurley, to adjourn the meeting at 12:26 p.m. **The motion passed unanimously;** with 86 votes in favor

Respectfully submitted, Jennifer A. Heaton-Jones



Cynthia Andela

Glass Recycling Entrepreneur

ENVIRO-ENTREPRENEURSHIP Local collection, processing and uses





Recycling Glass into an aggregate and industrial mineral

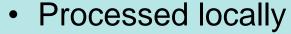


Getting the Glass out of the Waste Stream

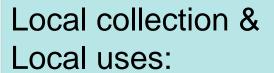
Recycling program:
Curbside Collection,
Drop off centers,
Container deposit
program



Local Glass Recycling System



Used locally



- Individuals
- Small businesses





WHAT IS IT? - How is it made?

Andela Pulverizer System:

Surge Hopper → Pulverizer → Trommel Screen = Finished Product







WHAT IS IT? - How is it made?

Pulverize Glass into Glass Aggregate Uniform Size – no sharp edges 3/8" (10mm) minus and/or 4 mesh (5mm) minus glass sand

Glass is Separated From Other Materials Reduction in size and removal of metal, plastics and most paper

RECYCLED GLASS AGGREGATE SOURCES | MATERIALS

Unsorted glass bottles

Whole or broken bottles

Plate glass

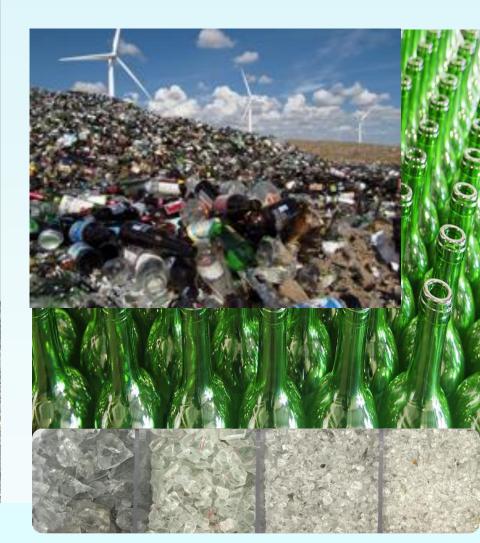
Tempered glass

Ceramics

Any frangible







RECYCLED GLASS AGGREGATE PRODUCTION METHODS

 Andela GP-2HD Pulverizing System with Re-circulation to make all glass sand.





Andela GP-05L System

A PULVERIZING SYSTEM



Parts Featured:

Surge Hopper

Pulverizer

Trommel Separator

GPT-1HD Andela Pulverizing System

Smooth, safe glass aggregate produced in various sizes

BENEFITS: INTENDED | INCIDENTAL

ECONOMIC DEVELOPMENT

REDUCED CARBON FOOTPRINT

HEALTH | SILISOSIS PREVENTION:
Not Crystalline silica but Amorphous Silica

LEED CREDITS

(Leadership in Energy and Environmental Design)



Properties

Amorphous Silica

Non-Crystalline Silica Dust
Inert – Hard – Stable
Does Not Absorb Water
Followability – Filtration
Less surface tension
Attracts water to particle surfaces

SITE PREP: DRAINAGE | SWELLS



SITE PREP: UTILITY PIPE BEDDING



SITE PREP: FLEX BASE



GLASS-PHALT DRIVEWAYS | WALKWAYS

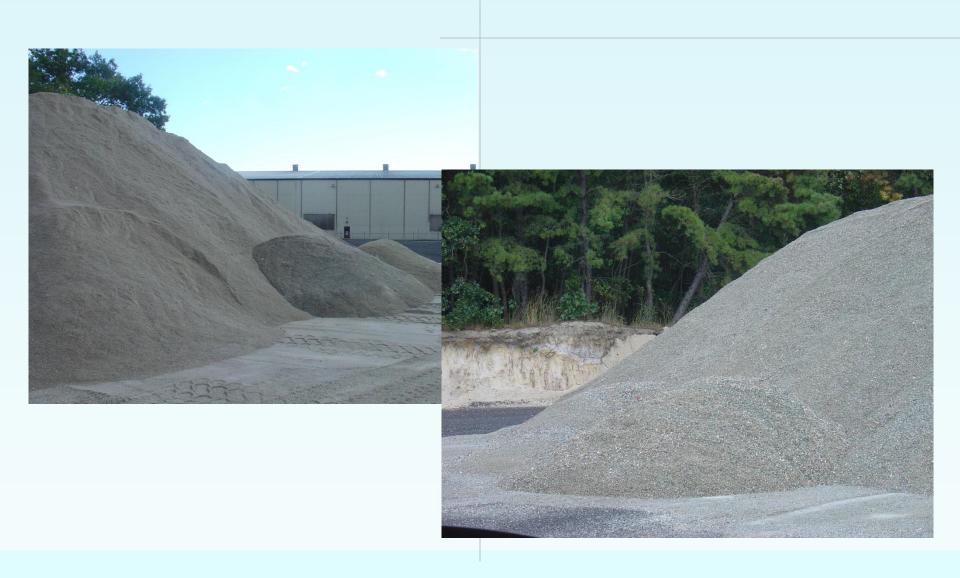




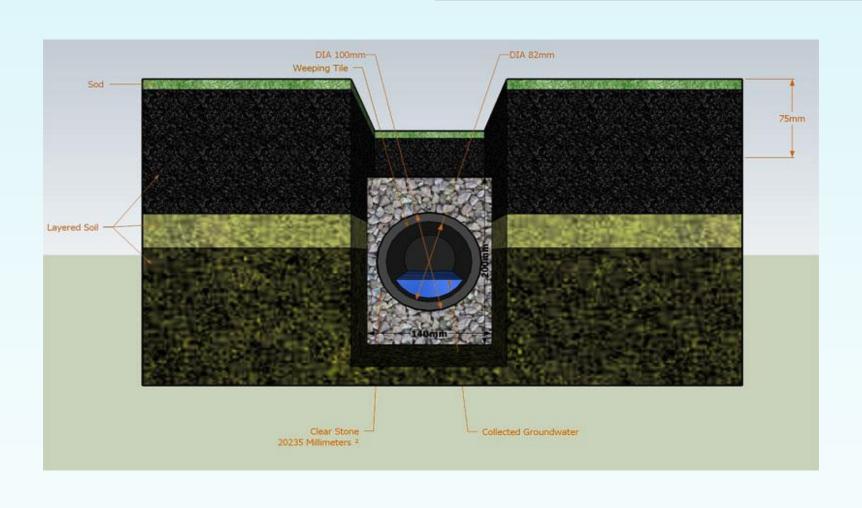
SITE PREP: SEPTIC FIELD SAND



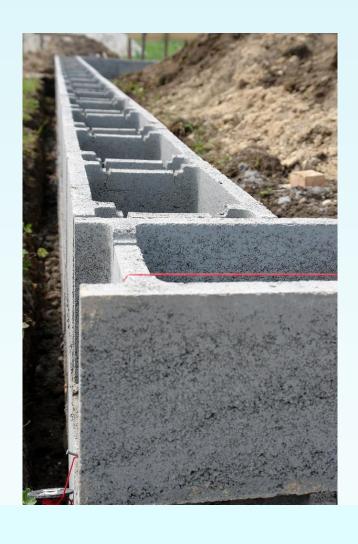
ENGINEERED CONSTRUCTION AGGREGATE



FRENCH DRAIN



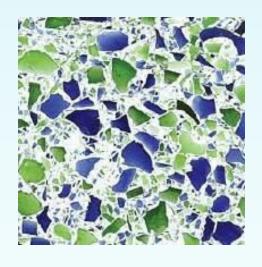
CONCRETE MASONRY UNITS

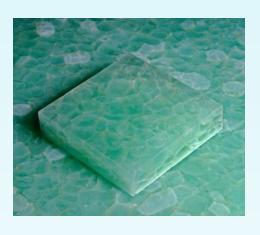






TILES | PAVERS | COUNTERTOPS









POOL FILTER MEDIA



RAINWATER COLLECTION FILTER MEDIA





LANDSCAPING





TRAILS | WALKWAYS







MULCH | WATER CONSERVATION





CYNTHIA ANDELA, PRESIDENT

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