

I. Welcome & Introductions

- **Absent**

- Celia Furber- Recology
- Portia Sinnot, Zero Waste USA
- Hugo Mata- SOS and LatinX Hub
- Leslie Lukacs – Zero Waste Sonoma
- Michael Siminitus – Waste Busters / Sudbusters
- Brandon Hart – TPW – Integrated Waste
- Annie S- Oliver's Market
- Ellen Hathaway- Sierra Club Redwood Chapter
- Jennifer Lyle, Sonoma County
- Max Bridges- League of Women Voters
- Sloan Pagal- Zero Waste Sonoma
- Timothy Wilcox- Director of food beverage river rock
- Trish Pisenti- Sonoma County
- Mark Soiland- City of Cotati Representative
- Kristen Sales- Zero Waster

- **In attendance**

- Alyssa Messer – 3rd District Rep
- Liz Bortolotto – Chair
- Michael Anderson- Marketing and Recycling Historian
- Leslye Choate- LEA
- Glen Morelli – TPW – Integrated Waste
- Greg Carr- 1st district rep
- Stu Clark – 4th District Rep
- Dan Nobel- Association of Compost Producers
- Brian Bauer- Resynergi
- Sunny Galbraith – 350 Sonoma County, city of Sebastopol
- Xinci Tan – Zero Waste Sonoma
- Caren McNamara- Conscious Container
- Tim Stocket
- Michael LeRusso
- Tasha Wright- City of Santa Rosa (Water Dept)
- Emily Harris- Recycology
- Terry Taylor - We Act
- Joey Hejnowicz, Zero Waste Coordinator - City of Santa Rosa
- Dawn Mirante- Refill Mercantile
- Tiffany Seder
- Aryam Blanco
- Arthur Deicke
- Terry Taylor- town of Windsor

- Michael La Russa
- Samantha Stevens

Item

- I. Welcome & Introductions

- II. Approval of draft minutes from June 9, 2022 meeting
 - Stu Clark & Michael Anderson- abstain
 - Joey Hejnowicz- motion to approve
 - Alyssa Messer- Seconded the motion
 - Minutes approved

- III. Conscious container- Caren McNamara
 - Working with Napa recycling for glass wine bottles for washing
 - They are going around to find a place to leave the current truck in Novato or Petaluma
 - The ask- please reach out to Liz or Caren at caren@consciouscontainer.com

- IV. Update on Zero Waste Week & Symposium, Xinci Tan, Kristen Sales
 - Last week of the month
 - Nearly all events well attended and overall success (just under 400 total participants)
 - Clothing swaps, workshops, cooking workshop that happened, good feedback for attendees
 - zerowastenorthbay.org
 - Zero waste symposium cancelled due to concerns about COVID.
 - Compost tours was a big success and currently in the process of organizing those
 - Likely to repeat the events this next year.

- V. Presentation from Sonoma County Refill Shops, Dawna Mirante
 - 6 shops throughout Sonoma County
 - You bring in your own container/ purchase a container and refill with what is needed
 - Only pay for what you put into container
 - Closed loop system
 - Containers are sent out for sanitization- especially for the washing and reusing of 5 gallon buckets
 - Products locally ot
 - Independently owned
 - All of them are a little different and unique
 - Diverting thousands of containers from the landfill (reuse before sent to recycled)
 - There are \$400 refill shops across the US and this number is growing, especially in the bay area
 - Questions
 - Is there a map of the areas:

- https://www.google.com/maps/d/u/2/viewer?mid=1oM_6u60SGOCcDSw1ktvCRYMx4ZjblTtU&ll=34.15890086247863%2C-93.34782252499997&z=4
- What is the website to find surrounding refill shop:
 - <https://zerowastesonoma.gov/materials/refill-zero-waste-shops>
- Is this going to expand to RP/ Cotati/ Penngrove
 - Not currently in the works, but are supported in the surrounding areas- see map.

VI. Update on Chemical Recycling process at Resynergi, Brian Bauer

- Been running system non-stop and making road ready diesel fuel- agreement with plastic recycler to take liquids and make that into new recycled materials
- Process
 - Chip unsorted waste, process into energy efficient CMPC, and converted to carbon for reuse.
- Key highlights
 - Focusing on highest quality fuels and prioritizing rural areas v. NFL cities
 - Use low energy to produce fuel
 - Solutions starting at 5 tons
 - Excellent economics- lowest cap ex per ton of recycling capacity
- Operational pilot plant near recycology
- Pilot plant feedstock range from PP, LLDPE, Assorted PE, HDPE, PE and PP, HDPE
- The process is a little slower, but working
- Recent press democrat article published recently about work and seeking plastics
- Partners and involvement
 - Marin Sonoma Impact Ventures
 - OPUS
 - North Bay Angels
- Pump quality diesel being produced
- Process:
- Naptha- liquid to chemically use and over 50% for that chemical feedstock.
- About 68% GHG reduction in naptha production compared to CA average in 2021
- Current unit and module are in the process of growing and getting necessary permits to expand
- Decentralized processing- infrastructure is there for shipping and comparatively lower cost than current plastic process
- SB54
 - Currently little is getting recycled, but 3-5% currently being recycled. Looking at this over time, they are proposing how thing go and they are eliminating the use of plastic, that makes a big impact.
 - Proposing reducing open burning, landfill, ocean pollution
 - Key criteria
 - Many saying strongest bill to date to address packaging
 - Focusing on smart recycling
 - Criteria
 - Environmentally beneficial
 - Local community beneficial
 - Public health positive
 - Non hazardous
- As the process continues they are looking for collaboration with experts

- Question:
 - Where is facility currently located- located in the county
 - Were there any issues with permitting- they applied for a research permit
 - How are they getting plastics they are looking for- phase 1: recycology will pull out the films (manual), but teamed with a other companies to pull out the plastics on the front end of feedstock (goal to get this to the 50% that is not currently being recycled)
 - What was the change that just happened- now able to run longer and go for a fuel week.
 - What is the restriction on the plastic size for the feedstock: the limitation is how big the shredder/ granulator is
 - Have considered maritime use: yes- the first deployment will be on the CA maritime shift.
 - Stigma for use of fertilizer- some put a little plastic in there to support the retention of water, their char does not contain plastic. When cleaned it can be sold, but currently is not ready for that.
 - What are the obstacles for recycling film plastic- couple of challenges, filtering through the system can be difficult, but when properly combined it is a valuable resource and balances out the liquid for recycling.

VII. Update on Sonoma/Napa Co. Bioresources Management: Actions and Needs, Dan Noble

- Emerging circular economy: an industrial system that is restorative by design presentation
- Marin county received .5 million to put out proposal to do bioresource management study
 - More to be added to the study in the future
 - Results of the study available to all counties in the state
- Community bio-economy
 - The primary bio resource is the ag and wood industries
 - Looking at regenerative agriculture
 - Looking to get as much bioproducts back as possible back into the ground as possible.
 - Proposed instead of just focusing on the collection of these resources and turn into something that is actually utilized.
- Looking at pathways in the local bio-source marketplace
 - Taking the feedstock and sharing with pathway makes the most sense in the community
 - Has to be done in the local community- need to optimize input materials for the appropriate community accepted technology to serve local markets.
 - This is a whole system approach that is crossing over into other industries (energy, agriculture, etc.)
- Whoever produces the results of the study, want to turn into app to support optimizing community resources.
- They applied for the grant, but being called in for an interview in the upcoming weeks.
- Questions:

VIII. Infrastructure Fund Subcommittee Update, Liz Bortolotto

- Will follow up during meeting in October
- IX. County updates: Clean California program, ZWNB Adopt-A-Road cleanup 8/27, Conscious Container need, Gravenstein Apple Fair, Living Wine documentary
- Clean California Program-
 - This is a way to incent clean up and get groups together that clean up
 - These links are included in the shared document
 - ZWNB- 8/27 adopt a road clean up (email to be sent out about that). A stretch of Stony point to get together early morning to pick up trash.
 - Gravenstein Apple Fair
 - Looking for volunteers at the recycling bin containers and telling people where to put things (Aug 13th-14th) 10AM- 6PM
 - Go to gravensteinapplefair.com for volunteers [**see green team for diverting waste**]
 - Living Wine Aug 19th-25th about organic wine growers in the area- shows the work of some of the local folks of growing wine in a way that is soil enhancing, organic, water reducing, and profitable.
- X. Public Comments*
- No public comments
- XI. Member Announcements
- No member announcements.
- XII. Next Regular Meeting Date/Suggestions for Agenda Items - October 13th, 2022
- XIII. Adjournment
- Stu Clark motion to adjourn
 - Dan Noble seconds the motion