

Solid Waste Advisory Board Meeting Minutes

December 7, 2018

Board members present: Charlotte Hebert, Phil Griffin, Kim Drake, Adam VonDette, and Audrey Bethel

Also present: Jon Daley, Luke Levesque, Laura Buono

Audrey and Adam present second sign to be displayed at Transfer Station (crush 'em if you CAN)

Meeting begins with Luke reporting out on some numbers looking back at the year:

Hillsboro Transfer Station pays out for tipping fees, on average:

\$24/ton for Paper

\$76/ton for Mixed Solid Waste (MSW)

And anywhere between \$30-94/ ton for the Comingle Plastics and tin

(* did not get figures on Aluminum?)

This does not include trucking.

Also noteworthy- we did 200 tons more of MSW this year than in 2017.

Kim says she is not surprised that there has been so much more trash, as she has heard about a lot of remodeling and home construction projects with the economy doing better...

We then move into reporting back on our "homework assignments" from last meeting:

1. Audrey did not have any luck getting calls back from either of her plastics-to-oil pilot programs , however she was excited to share about her meeting with Marc Morgan at the Lebanon, NH landfill/ recycling center. They truck all their plastics to be recycled domestically in PA at a facility that makes lawn furniture out of post –consumer plastics. Marc gets consistent price for his plastic and said he would take all Hillsboro's plastics for FREE if they were bailed and trucked up to Lebanon. Audrey told Marc that that would be approx 80 tons/ year and he said great. It would involve some start up costs to switch over, but then it could be a significant savings. Luke discusses how some changes would need to be made at the transfer station to accommodate bailers for plastics, and removing tin from the flow, etc. all do-able if we could get a commitment with Lebanon that this agreement would be for a substantial amount of time, etc. Luke has a call into Marc.
2. Kim had a good conversation with NeXus Fuels representative who did say they were still in business, but that it took millions of \$ to start up. She did tell Kim all about some cool sounding grant program with *Keep America Beautiful* that we could apply for to get recycling/ trash bins to locate around our community.
3. Jon said the people at UNH weren't responsive. Agile Process Chemical in India was though, and they were very open to working with us—however their process involves starting off by sending a container unit of our plastics to India to get things going in their lab.
4. Phil reports on how he has been sworn in at the Deering Town Office and is now on our board for a 3 year term. He also had a great conversation with the folks at Agylx in Oregon—where they are doing approx 50 tons/day of plastics to synthetic crude oil. They are looking to find a

place on the east coast to start up a second site. They also have gotten very motivated with their other recycling venture to transform old polystyrene polymers into new Styrofoam. It is a form of chemical recycling that introduces 50% less greenhouse gases into the environment.

5. Adam had a good conversation with RES Polyflow. They just opened a new full size facility in Ashley Indiana (a town with pop. 937) where they employ over 100 people and are now producing some waxes and 400 barrels of light crude oil/ day to sell to BP. The hard part was getting BP to be a customer. They recycled 100,000 tons of plastics last year. Start up costs were \$7.5 million for the facility and then all associated fees added up to approx \$20 million to get the whole facility up & running. Another key detail was that they were zoned as a manufacturing plant and that helped.
6. Charlotte talked with Green Mantra Recycling in Ontario. They are currently very small doing 220lbs/ year but working on scaling up.
She also spoke with GEEP who is more into electronic waste recycling.
She also wanted to know if anyone knew of a commercial composting company out of Woodstock, VT. because her husband has heard of them through his truck driving routes.

That turns the conversation to composting. Laura emails out to her network to learn more about which communities are doing town-wide composting in our region so we can compile a list to divvy up as "homework assignments" again and learn more about what is happening in that arena.

Laura also asks that SWAB write a Year End Report to be published with the Town Report. Deadline is supposed to be 12/15/18. Audrey offers to write it and asks the board for bullet points of what they want to make sure is included.

We take a group photo to go along with report.

Next Meeting: Friday , January 25, 7:30 am