Message

From: Priyanka Bakaya [pbakaya@pkclean.com]
Sent: 8/16/2019 3:17:04 AM
To: Ganguli, Swarupa [Ganguli.Swarupa@epa.gov]
Subject: [SPAM-Sender] Re: SWANA Plastics Planning Session

Thanks Swarupa! I will reach out to her and keep you posted on how it all works out. I now have to come to DC more frequently as I've been asked to Chair our Chemical Recycling Alliance group at ACC, so let me know if it ever would be helpful to come by anytime if you need industry inputs on streamlining definitions. I'm sure it's an ongoing conversation at your end so happy to help in any way!

All the best,
Priyanka

RENEWLOGY
Priyanka Bakaya | CEO & Founder
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On Aug 16, 2019, at 3:06 AM, Ganguli, Swarupa <Ganguli.Swarupa@epa.gov> wrote:

Hi Priyanka – You could check with Jenny Stephenson (stephenson.jenny@epa.gov) in Region 9. She is based out of the Region 9 HQ in San Francisco, but may have some thoughts about contacts in Arizona.

Sorry to miss you at RRC but enjoy your time in India; hopefully the heat will have passed by the time you get there. I am planning on going in late December.

Best,

Swarupa
Swarupa Ganguli, Measurement Team Lead
Resource Conservation Branch
EPA
(703) 308-0035

From: Priyanka Bakaya <pbakaya@pkclean.com>
Sent: Thursday, August 15, 2019 12:18 PM
To: Ganguli, Swarupa <Ganguli.Swarupa@epa.gov>
Subject: [SPAM-Sender] Re: SWANA Plastics Planning Session

Hi Swarupa,

No worries at all - it's interesting that EPA doesn't get into this distinction. Do you have any suggestions on an EPA person in Arizona (Region 9) who I could check with on the topic?

I'll be in India the last week of August so sadly unable to attend the conference this year. It's always a good one!

Thanks again for the help!
Priyanka

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On Aug 15, 2019, at 5:48 PM, Ganguli, Swarupa <Ganguli.Swarupa@epa.gov> wrote:

Hi Priyanka –

Sorry for the late response; I must have missed this email. We don't have any further clarification beyond the definition of MSW, which I sent to you earlier. However, you raise a good point about the distinction between mixed MSW and material that has been sorted at the MRF, and we will take this issue into account as we streamline our definitions. By any chance, will you be attending the Resource Recycling Conference in New Orleans on August 26th?

Best,

Swarupa
Swarupa Ganguli, Measurement Team Lead
Resource Conservation Branch
EPA
(703) 308-0035

From: Priyanka Bakaya <pbakaya@pkclean.com>
Sent: Sunday, August 11, 2019 11:13 AM
To: Ganguli, Swarupa <Ganguli.Swarupa@epa.gov>
Subject: Re: SWANA Plastics Planning Session

Hi Swarupa,

Thank you so much for these resources! The RDF is very clear, and I think it will be very clear to Phoenix now why plastics and RDF are different. The MSW definitions that you cite don't seem to create a distinction between "solid waste" and "recyclables" - does EPA create a distinction anywhere? For instance, NLGA recently created this distinction: http://www.nlga.us/wp-content/uploads/Resolution-Regarding-The-Importance-Of-Recycling-And-Distinguishing-Recyclable-Materials-As-Valuable-Commodities-That-Are-Not-Solid-Waste-1.pdf

Basically, we are looking for some language to show that the material we are using in our process is not mixed MSW but material that has been sorted at the MRF and is a commodity. Let me know if you think EPA has any language around this distinction as otherwise they seem interchangeable.

Thanks once again!
Priyanka

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On Aug 10, 2019, at 2:16 AM, Ganguli, Swarupa <Ganguli.Swarupa@epa.gov> wrote:

Hi Priyanka –

Great to hear from you, and yes, I remember meeting you at the ACC offices last year.

We have a very basic definition of municipal solid waste (MSW) in our Facts and Figures fact sheet, which you can find on page 5. I have attached the link for your convenience.https://www.epa.gov/sites/production/files/2018-07/documents/2015_smm_msw_factsheet_07242018_fnl_508_002.pdf .

The Facts and Figures definition is based on the RCRA definition of MSW, which is the following:

- Municipal solid waste is a subset of solid waste and is defined as durable goods (e.g. appliances, tires and batteries), nondurable goods (e.g. newspapers, books, magazines), containers and packaging, food wastes, yard trimmings and miscellaneous organic wastes from residential, commercial and industrial non-process sources.

I have attached the latest RCRA Orientation Manual for you, and you can find the definition on Page 11-2.

I also believe we have a definition of RDF on the following website:https://waste.zendesk.com/hc/en-us/articles/212349717-What-is-Refuse-Derived-Fuel-RDF, which I have pulled for you.

- RDF is the product of processing municipal solid waste to separate the noncombustible from the combustible portion and preparing the combustible portion into a form that can be effectively fired in an existing or new boiler.

Finally, as a part of our broader measurement efforts, we will be streamlining the definitions that apply to recycling systems so we can have greater consistency between national, state and local governments. I will be going to Resource Recycling in New Orleans in late August to discuss some of these issues. Will you be there?

Best,

Swarupa
Swarupa Ganguli, Measurement Team Lead
Resource Conservation Branch
EPA
(703) 308-0035

From: Priyanka Bakaya <pbakaya@pkclean.com>
Sent: Friday, August 09, 2019 1:08 PM
To: Ganguli, Swarupa <Ganguli.Swarupa@epa.gov>
Subject: Re: SWANA Plastics Planning Session

Hi Swarupa,

We had the opportunity to connect in DC last year - I hope this email find you well! I had a quick EPA related question that I was hoping you could help me with.

I wanted to see if EPA has definitions of MSW, RDF and post-MRF commodities anywhere? Renewlogy is setting up a facility at the City of Phoenix's MRF, and the local county is confused on the definition of "municipal waste" and "refuse derived fuel". We have tried to explain to them that post-MRF commodities such as 3-7 do not qualify as MSW or RDF but they would like someone at EPA to clarify this for them. Is there someone who could do this for us that you could recommend? Or a definition we could point to?

Thanks in advance for the help!
Priyanka

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> On Mar 7, 2018, at 8:59 PM, Ganguli, Swarupa <Ganguli.Swarupa@epa.gov> wrote:
>
> Thanks Priyanka. Ben made it to the session in time, and the presentation went very well.
>
> Thanks to both Kim and Ben for their excellent presentations and a great panel discussion.
>
> *Swarupa*
> Swarupa Ganguli, Measurement Team Lead
> Resource Conservation Branch
> EPA
> (703) 308-0035
>
> **From:** Priyanka Bakaya [mailto:pbakaya@pkclean.com]
> **Sent:** Wednesday, March 07, 2018 9:41 AM
> **To:** Ganguli, Swarupa <Ganguli.Swarupa@epa.gov>
> **Cc:** Kim.braun@culvercity.org; Ben Coates <bcoates@pkclean.com>; Lori Lawson <llawson@swana.org>
> **Subject:** Re: SWANA Plastics Planning Session

Hi Swarupa,

Ben had a few delays getting in and wasn't able to get online, so I'm attaching his slides here and questions below. He is hoping to get in by 8:15 at the latest. His number is 510-384-5417.

1. What cities are the ideal candidates for the energy bag?

2. Do you think MSW harvesting technologies are a substitute or complement for recycling?

3. What is the long-term potential for chemical recycling?

Thanks!
Priyanka

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On Mar 5, 2018, at 6:12 PM,
Ganguli, Swarupa
<Ganguli.Swarupa@epa.gov> wrote:

Hello Kim and Benjamin –

I look forward to your presentation (s) on Wednesday. As a quick reminder, please send me or bring with you at least three questions you would like me to ask after your presentations so we can stimulate the conversation in the audience after your presentation. So far, I have only received Kim's presentation so I would appreciate receiving Benjamin's as well if possible. I take a look at it tonight or tomorrow.

Also, it would be great if we could meet at our room (Governor's 14) at 8:00 AM on Wednesday so we can go over the final details. The session is one hour, so I expect reach presentation will take about 20-25 minutes with 10-15 minutes for Q&A.

Also, if you would like to meet tomorrow evening, I would be happy to meet for 15-20 minutes after the last session.

Thanks,

Swarupa
Swarupa Ganguli, Measurement Team Lead
Resource Conservation Branch
EPA
(703) 308-0035

From: Lori Lawson [mailto:llawson@swana.org]
Sent: Monday, February 05, 2018 2:28 PM
To: Sue Bumpous <sbumpous@swana.org>; Ganguli, Swarupa <Ganguli.Swarupa@epa.gov>;Kim.braun@culvercity.org; pbakaya@pkclean.com; bcoates@pkclean.com
Subject: SWANA Plastics Planning Session

This session is @ 8:30 a.m. – 9:30 a.m. on Wednesday, March 7th in Denver.

Please reply to the scheduling poll at https://doodle.com/poll/z48aa2qrcyrtaw92
By February 5th by 5:00 p.m. to set up a call to discuss timing, order & presentations for this session. I apologize for the rush.

Please review the speaker FAQs prior to the call. https://swana.org/Events/SpeakerFAQ.aspx The FAQs contain info re: the speaker discount code, registration, hotel details, & presentation specifics. We cover these details during call.

Reach out with any other questions re: the conference or the upcoming session.

Also please register & book your room for the conference ASAP. If you are not staying at the conference hotel, a quick email stating that "I'm staying elsewhere" will work.

Looking forward to catching up soon.

Best,

Lori Lawson
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Silver Spring MD 20910
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