Message

From: Hans J. Huth [Huth.Hans@azdeq.gov]
Sent: 8/23/2018 3:03:20 PM
To: 'John Light' [john.light@ibwc.gov]; 'Wayne Belzer' [wayne.belzer@ibwc.gov]
CC: gene.s@bossalliance.co; 'Lorenzo Ortiz' [Lorenzo.Ortiz@ibwc.gov]
Subject: Re: Upcoming BTC meeting

Hello John,

I recieved an email from Mr. Emmett Mcloughlin last night indicating he is going to drop by the plant today to introduce himself on behalf of Dynamis and request some information to see if a project would be viable. Of interest, Dynamis may consider providing the 5M funding for the IOI appropriation if things work out, but they first need to evaluate options via a proforma analysis. Again, it might help to include an invitation for the BTC in order to learn further details and/or introduce the company to stakeholders.

Regards,

Hans Huth
520-628-6711

From: Hans J. Huth
Sent: Tuesday, August 21, 2018 11:24:37 AM
To: 'John Light'; 'Wayne Belzer'
Cc: gene.s@bossalliance.co; 'Lorenzo Ortiz'
Subject: Upcoming BTC meeting
Hello John, Wayne,

I've been in communication with Dynamis Energy who are in discussions with representative of Nogales, Arizona to build a plant to convert municipal solid waste (MSW) generated by the city to energy. Further details about the technology are attached or can be reviewed here: https://www.dynamisenergy.com/

One challenge they have is they don't have enough MSW to scale up operations. While investigating the technology, I discovered it can be used to process biosolids if combined with MSW and tires. I understand biosolids disposal is challenging at the NIWTP, *so if there is a new local venue in Santa Cruz County for accepting the same coupled with power generation possibly at a lower rate, it might solve some chronic challenges*.

At this time, the company is trying to run some numbers to see the financial viability of a project in the Nogales/Rio Rico area for direct energy sales and waste disposal. *Of interest, they'd also like to capture some of Nogales, Sonora's waste stream for plant expansion, which in turn might help alleviate some of the challenges we've had with solid waste in the Nogales Wash.*

The BTC seems like an appropriate venue to investigate options moving forward, but Dynamis first wants to crunch some numbers to see if this is even economically viable. If you are comfortable doing the same, would you be able to forward the following information?

- Tons of biosolids produced by the NIWTP monthly or annually?
- Current tipping fees for disposal of the same?

If it's okay to share, please copy Gene Sawyer copied here (CEO-President, BOSS Alliance LLC). If the numbers work, we could invite them to the Ambos Nogales Binational Technical Committee meeting to introduce them to local stakeholders (including the new Nogales, Sonora administration) and investigate opportunities moving forward.

Thanks,

Hans Huth
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