To: 'Ed Smith'[esmith@moenviron.org]; 'Bob and/or Jean Nowlin'[Ex. 6 - Personal Privacy
Cc: 'Dawn Chapman'[Ex. 6 - Personal Privacy 'Terrie Boguski'[tboguski@skeo.com]; 'Gwendolyn Verhoff'[Ex. 6 - Personal Privacy 'Rhonda Steelman'[Ex. 6 - Personal Privacy 'Doug Clemens'[Ex. 6 - Personal Privacy 'Gale Thackrey'[Ex. 6 - Personal Privacy 'Debi Disser'[Ex. 6 - Personal Privacy ; 'Kirby Webster'[kwebster@skeo.com]; Vann, Bradley[Vann.Bradley@epa.gov]; 'Milward, Mark'[mmilward@stlouisco.com]; 'MATT LAVANCHY'[mlavanchy@pattonvillefd.com]; guc0@cdc.gov[guc0@cdc.gov]; 'Donna Klocke'[dlklocke@gmail.com]; Washburn, Ben[washburn.ben@epa.gov]; 'Wind, Tom'[tom.wind@hussmann.com]; 'Kay Drey'[Ex. 6 - Personal Privacy Mahler, Tom[mahler.tom@epa.gov]; 'Hoskins, Jennifer (Blunt)'[jennifer_hoskins@blunt.senate.gov]; 'Henry, Linda'[lhenry@stlouisco.com]
From: Harvey Ferdman
Sent: Wed 12/7/2016 5:32:11 PM
Subject: RE: CAG Tech Mtg Scheduled: Dec. 8 1-3PM

Ed, one more thought … with all the other toxic stuff that was dumped into these landfills, why aren't there other RPs, like Olin, for example?

Harvey Ferdman

Policy Advisor to

Missouri State Representative Bill Otto, District 70

St. Louis, MO 63017

314-469-0595

314-761-5100 (cell)

From: Ed Smith [mailto:esmith@moenviron.org]
Sent: Monday, December 05, 2016 12:51 PM
To: Bob and/or Jean Nowlin
Cc: Dawn Chapman; Terrie Boguski; Gwendolyn Verhoff; Harvey Ferdman; Rhonda Steelman; Doug Clemens; Gale Thackrey; Debi Disser; Kirby Webster; Vann, Bradley; Milward, Mark; MATT LAVANCHY; guc0@cdc.gov; Donna Klocke; Washburn, Ben; Wind, Tom; Kay Drey; Mahler, Tom; Hoskins, Jennifer (Blunt); Henry, Linda
Subject: Re: CAG Tech Mtg Scheduled: Dec. 8 1-3PM

Good morning everyone,

Please send final agenda items to me before the close of business tomorrow. I'm including the DNR's response to questions/comments that came out of the last technical committee meeting. The DNR's responses are in red as well as the TASC document we discussed at the last meeting.

Tentative Agenda:

1. Discussion of RIM testing
    1. Onsite (north quarry)
    2. Offsite (Dailey home)
2. Continue discussion on collaborative communication efforts

I'll send a final agenda out on Wednesday.

Thanks,

Ed

Hi Peggy and Chris,

The West Lake Landfill CAG technical committee met earlier this month with the EPA and we have the following comments, questions, and suggestions for DNR. The next CAG technical committee meeting is scheduled for December 7, 2016. I hope DNR will be able to respond to the following bullet points to the best of their ability before the next meeting. I appreciate the AGO & DNR's willingness to work with MCE and the West Lake CAG technical committee!

•□ Will the DNR review and provide comments/edits for the attached TASC fact sheet that will be available for the community? See attached document. We request DNR's review as it contains information about the smoldering fire.

•□ Is the DNR able to provide updates (monthly, quarterly...) about the status of the smoldering fire so the public, especially people closest to the landfill, understand what's happening? Please note that all monitoring parameters are shared with the public through posting to the Department of Natural Resources' web page and can be found under the Weekly and Monthly Reports submitted per the First Agree Order: http://dnr.mo.gov/env/swmp/facilities/BridgetonSanitaryLandfill-RCP.htm. The description of the SSE progression in the attached document is accurate. How long the SSE will burn can only be roughly estimated as there are few SSEs across the country to compare to and their characteristics vary greatly from one another. The SSE will continue

until it diminishes to a point that it can no longer self-sustain and cause physical stress or damage to the landfill infrastructure and waste mass. Please let us know if a clear description of what is happening at the landfill that is easily for the public to read and access on the DNR website. For example, the DHSS regularly provides a qualitative update about air testing. Is the DNR able to do something similar with the status of the smoldering fire? The general status of the SSE has been relatively unchanged for the past 18 months.

- Is DNR able to explain why it thinks the smoldering fire is moving in a circle?

The SSE moved to areas where the waste mass was most able to sustain the exothermic reactions (relatively dry carbon based material). Layers of soil cover acting as confining units within the landfill as well as large volumes of inert fill placed in the landfill are likely the reason for some locations not reacting to the SSE.

- A member of the CAG technical committee asked which tools are being used to monitor the smoldering fire?

o MCE understands DNR is using several tools to monitor the smoldering fire, including settlement, CO & temperature data from GEWs/GIWs, as well as TMPs.

o Please include additional tools used to track the smoldering fire.

The parameters listed above are correct as well as monitoring the physical properties of the landfill infrastructure itself for signs of heat, steam/pressure or settlement impacts. Further, we look at landfill gas composition collected from the gas wells to see if the wells appear healthy (i.e. methane to CO_2 ratio higher than 1 and low to no levels of hydrogen present, etc.). All of this data has to be looked at holistically and considered with knowledge of current and past facility operations and maintenance to have a feel for how the SSE is behaving.

- A member of the CAG asked what is happening with the daily wear and tear of the cover as the landfill settles.

o MCE's understanding is that the landfill company routinely identifies and repairs rips and breaks in the EVOH liner. Correct, the facility staff conduct daily quad checks looking for rips, tears or signs that the EVOH cover needs replaced. This work is viewed as maintenance for the EVOH cover. Large repairs should require notification to DNR.

o Please let the CAG technical committee know if there's anything else MCE missed in our understanding of the question about the EVOH repairs.

In addition to monitoring and maintaining the EVOH cover, the facility also adds soil to settled areas that are beginning to accumulate storm water. The approved process for doing this includes leaving the EVOH cover in place and adding soil on top of the EVOH to promote proper storm water drainage.

Best regards,

Ed

On Mon, Nov 28, 2016 at 3:33 PM, Bob and/or Jean Nowlin <Ex. 6 - Personal Privacy wrote:

Ed,

I will be at the meeting. We need to add to the agenda an up-date of EPA's responses to the radioactivity found in a home in Spanish Village.

Bob

On Monday, November 28, 2016 2:02 PM, Ed Smith <esmith@moenviron.org> wrote:

Hello all,

The next CAG technical committee meeting will take place at the same building as last time but in a new, larger room.

When: Dec. 8, 2016 from 1-3PM

Where: 3221 McKelvey Rd, Bridgeton, MO 63044

Proposed Agenda:

1) Discussion on RIM testing

2) Continue discussion on collaborative communication efforts

Sorry it's a short agenda. I am about to leave my office. Send me any ideas you have and I'll send a finalized agenda to the group on Thursday.

Best regards,

Ed

--

Ed Smith

Policy Director

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