From: Larry Dunn
To: ECY RE CHEM ACTION PLANS (HWTR)
Subject: Re: Phthalate Action Plan - March 17, 2022 Meeting Agenda and Slides
Date: Thursday, March 17, 2022 8:49:01 AM

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Here are references to several articles on todays subject.

Thermal and enzymatic pretreatment of sludge containing phthalate esters prior to mesophilic anaerobic digestion.
Gavala HN, Yenal U, Ahring BK.
Biotechnol Bioeng. 2004 Mar 5;85(5):561-7. doi: 10.1002/bit.20003.
PMID: 14760697
Biodegradation of phthalate esters during the mesophilic anaerobic digestion of sludge.
Gavala HN, Alatriste-Mondragon F, Iranpour R, Ahring BK.
Chemosphere. 2003 Jul;52(4):673-82. doi: 10.1016/S0045-6535(03)00126-7.
PMID: 12738281
Anaerobic degradation of diethyl phthalate, di-n-butyl phthalate, and di-(2-ethylhexyl) phthalate from river sediment in Taiwan.
Chang BV, Liao CS, Yuan SY.
Chemosphere. 2005 Mar;58(11):1601-7. doi: 10.1016/j.chemosphere.2004.11.031.
PMID: 15694480
Chemical behavior of phthalates under abiotic conditions in landfills.
Huang J, Nkrumah PN, Li Y, Appiah-Sefah G.
Rev Environ Contam Toxicol. 2013;224:39-52. doi: 10.1007/978-1-4614-5882-1_2.
PMID: 23232918 Review.
[The breakdown of phthalic acid esters by microorganisms].
Samsonova AS, Slizen' ZM.
Nauchnye Doki Vyss Shkoly Biol Nauki. 1990;(1):5-19.
PMID: 2189501 Review. Russian.

From: ECY RE CHEM ACTION PLANS (HWTR) <ChemActionPlans@ECY.WA.GOV>
Sent: Thursday, March 17, 2022 8:04 AM
Cc: Tamboer, Lauren (ECY) <Ltam461@ECY.WA.GOV>; Fanning, Elinor W (DOH) <elinor.fanning@doh.wa.gov>; Niemi, Cheryl (ECY) <cnie461@ECY.WA.GOV>; Makarow, Irina (ECY) <Imak461@ECY.WA.GOV>
Subject: Phthalate Action Plan - March 17, 2022 Meeting Agenda and Slides

Hello Advisory Committee members –

Please find attached the agenda and slides for today's presentation starting at 9 AM PT.

These documents are also posted on the project web page:
https://www.ezview.wa.gov/site/alias__1962/37711/phthalates_action_plan.aspx

We look forward to our discussion later this morning.

Join Zoom Meeting
https://waecy-wa-gov.zoom.us/j/86136368431?pwd=WHk2M0daaTdpejdVYnhmZlJkV2x0UT09
Meeting ID: 861 3636 8431
Passcode: Phthalates
One tap mobile
+12532158782,,86136368431#,,,,*4751505613# US (Tacoma)
+16699006833,,86136368431#,,,,*4751505613# US (San Jose)
Dial by your location
+1 253 215 8782 US (Tacoma)
+1 669 900 6833 US (San Jose)
+1 346 248 7799 US (Houston)
+1 929 205 6099 US (New York)
+1 301 715 8592 US (Washington DC)
+1 312 626 6799 US (Chicago)
Meeting ID: 861 3636 8431
Passcode: 4751505613
Find your local number: https://waecy-wa-gov.zoom.us/u/ktVLmk2dZ

Don't hesitate to contact our team if you have any questions.

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Phone (Irina Makarow Cell): 360-584-3456

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