Message

From: abboud.michael@epa.gov [abboud.michael@epa.gov]
Sent: 12/6/2019 11:35:06 PM
To: Wallace, Gregory [gregory.wallace@turner.com]
CC: Press [Press@epa.gov]
Subject: Re: question regarding water fixture review

Hey Greg,

"EPA is working with all federal partners including Department of Energy to review the implementation of the Federal Energy Management Plan and how it's relevant programs interact with it to ensure American consumers have more choice when purchasing water products." - Michael Abboud, EPA spokesman

Sent from my iPhone

On Dec 6, 2019, at 3:37 PM, Wallace, Gregory <gregory.wallace@turner.com> wrote:

Good afternoon,

President Trump announced this afternoon that EPA is reviewing standards for faucets, showerheads, and other bathroom fixtures. He said "We're looking at changing the standards very soon."

Could you provide further information about what standards the agency has under review and what action it is considering changing?

Thank you,
Greg

Gregory Wallace
CNN
Ex. 6 Personal Privacy (PP)

Message

From: abboud.michael@epa.gov [abboud.michael@epa.gov]
Sent: 12/6/2019 11:33:18 PM
To: Forsgren, Lee [Forsgren.Lee@epa.gov]
Subject: Re: Here's the full Pres Trump quote on water

Ex. 5 Deliberative Process (DP)

Sent from my iPhone

On Dec 6, 2019, at 6:12 PM, Forsgren, Lee <Forsgren.Lee@epa.gov> wrote:

Ex. 5 Deliberative Process (DP)

Message

From: abboud.michael@epa.gov [abboud.michael@epa.gov]
Sent: 12/6/2019 11:32:52 PM
To: Forsgren, Lee [Forsgren.Lee@epa.gov]
Subject: Re: Here's the full Pres Trump quote on water

Ex. 5 Deliberative Process (DP)

Sent from my iPhone

On Dec 6, 2019, at 6:12 PM, Forsgren, Lee <Forsgren.Lee@epa.gov> wrote:

Ex. 5 Deliberative Process (DP)

Message

Sent: 12/6/2019 10:02:48 PM
To: Ross, David P [ross.davidp@epa.gov]
CC: Jackson, Ryan [jackson.ryan@epa.gov]; Wildeman, Anna [wildeman.anna@epa.gov]; Kramer, Jessica L. [kramer.jessical@epa.gov]; Forsgren, Lee [Forsgren.Lee@epa.gov]; Woods, Andrea [Woods.Andrea@epa.gov]; Block, Molly [block.molly@epa.gov]; Johnson, Taylor [Johnson.Taylor.C@epa.gov]; McFaul, Jessica [mcfaul.jessica@epa.gov]; Schiermeyer, Corry [schiermeyer.corry@epa.gov]
Subject: RE: Here's the full Pres Trump quote on water

Talked with Lee, here's the new statement.

Ex. 5 Deliberative Process (DP)

From: Ross, David P <ross.davidp@epa.gov>
Sent: Friday, December 6, 2019 4:57 PM
To: Abboud, Michael <abboud.michael@epa.gov>
Cc: Jackson, Ryan <jackson.ryan@epa.gov>; Wildeman, Anna <wildeman.anna@epa.gov>; Kramer, Jessica L. <kramer.jessical@epa.gov>; Forsgren, Lee <Forsgren.Lee@epa.gov>; Woods, Andrea <Woods.Andrea@epa.gov>; Block, Molly <block.molly@epa.gov>; Johnson, Taylor <Johnson.Taylor.C@epa.gov>; McFaul, Jessica <mcfaul.jessica@epa.gov>; Schiermeyer, Corry <schiermeyer.corry@epa.gov>
Subject: Re: Here's the full Pres Trump quote on water

Lee is calling shortly.

Sent from my iPad

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Will this work?

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Subject: Re: Here's the full Pres Trump quote on water

Ex. 5 Deliberative Process (DP)

Our Watersense program sits on top of those standards. It is a voluntary program, but was signed into law as an official EPA program by the President late last year.....

Lee is running point on this and has my proxy.

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On Dec 6, 2019, at 2:40 PM, Abboud, Michael <abboud.michael@epa.gov> wrote:

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Hi Mike
This is the quote. Does EPA have a comment about what he is getting at?
Thanks, Tim

"We have a situation where we're looking very strongly at sinks and showers and other elements of bathrooms, where you turn the faucet on in areas where there's tremendous amounts of water, where the water rushes out to sea because you could never handle it, and you don't get any water. You turn on the faucet, you don't get any water. They take a shower and water comes dripping out. It's dripping out, very quietly dripping out. People are flushing toilets 10 times, 15 times, as opposed to once. They end up using more water. So EPA is looking at that very strongly at my suggestion. You go into a new building or a new house or a new home, and they have standards ... where you don't get water. You can't watch your hands practically, there's so little water comes out of the faucet. And the end result is you leave the faucet on and it takes you much longer to wash your hands. You end up using the same amount of water. So we're looking very seriously at opening up the standard. And there may be some areas where we'll go the other route - desert areas - but for the most part, you have many states where they have so much water that it comes down. It's called rain. They don't know what to do with it. So we're going to be opening up that, I believe, and we're looking at changing the standards very soon. And that's a little bit like the lightbulb, where you get a bulb that's better for much less money. We go back, but you have the other alternative. And you'll keep the other alternative with sinks and showers, et cetera, too. But that's been a big problem."

From: Abboud, Michael <abboud.michael@epa.gov>
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To: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Re: Clarification on President Trump saying EPA looking at water standards at his direction?

Can you send us a link to the article?

Sent from my iPhone

> On Dec 6, 2019, at 2:45 PM, Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com> wrote:
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> Wonder if you might have any clarification about what he what mentioning.
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> Many thanks, Tim
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> TRUMP SAYS U.S. EPA IS LOOKING AT CHANGING WATER STANDARDS AT HIS DIRECTION
>
> Best,
>
> Timothy Gardner
> Reuters
>
> **Ex. 6 Personal Privacy (PP)**

Message

From: abboud.michael@epa.gov [abboud.michael@epa.gov]
Sent: 12/26/2019 4:04:46 PM
To: Kelly Love [kelly.love@hq.doe.gov]
Subject: Fwd: Policy on low flow toilets, dishwashers, etc.

Sent from my iPhone

Begin forwarded message:

> **From:** Tamara Keith <TKeith@npr.org>
> **Date:** December 26, 2019 at 10:02:00 AM CST
> **To:** "Abboud, Michael" <abboud.michael@epa.gov>
> **Subject: RE: Policy on low flow toilets, dishwashers, etc.**
>
> Awesome thank you! And yay, Kelly Love. She was great to work with at the White House.
>
> ---
>
> **From:** Abboud, Michael <abboud.michael@epa.gov>
> **Sent:** Thursday, December 26, 2019 10:59 AM
> **To:** Tamara Keith <TKeith@npr.org>
> **Subject:** Re: Policy on low flow toilets, dishwashers, etc.
>
> Yeah you can reach out to Kelly or Shaylyn, but recommend cc'ing their general press email as well since people may be out today.
>
> kelly.love@hq.doe.gov
> Shaylyn.Hynes@hq.doe.gov
>
> Sent from my iPhone
>
> > On Dec 26, 2019, at 9:54 AM, Tamara Keith <TKeith@npr.org> wrote:
> >
> > It was in his Battle Creek speech. Admittedly, there was a lot in there.
> >
> > "So we just came out with a reg on dishwashers, we're going back to you. By the way, by the time they press it 10 times, you spend more on water and electric."
> >
> > Do you have a good contact over at DOE or should I just use their generic press email?
> >
> > ---
> >
> > **From:** Abboud, Michael <abboud.michael@epa.gov>
> > **Sent:** Thursday, December 26, 2019 10:53 AM
> > **To:** Tamara Keith <TKeith@npr.org>
> > **Subject:** Re: Policy on low flow toilets, dishwashers, etc.

I missed that do you have the full quote? EPA handles the Watersense program which is a voluntary program dealing with efficiencies in water products but it's based off DOE's standards so I would still reach out to them as they most likely were the department in charge of any regulations promulgated.

Sent from my iPhone

On Dec 26, 2019, at 9:31 AM, Tamara Keith <TKeith@npr.org> wrote:

President Trump in his battle creek speech said "we just did a reg on dishwashers." Is that right? Or do I need to reach out to DOE about that?

From: Abboud, Michael <abboud.michael@epa.gov>
Sent: Thursday, December 26, 2019 9:33 AM
To: Tamara Keith <TKeith@npr.org>
Cc: Daguillard, Robert <Daguillard.Robert@epa.gov>; Press <Press@epa.gov>
Subject: Re: Policy on low flow toilets, dishwashers, etc.

Hey Tamara, on your first question see below.

"EPA is working with all federal partners including the Department of Energy to review the implementation of the Federal Energy Management Plan and how it's relevant programs interact with it to ensure American consumers have more choice when purchasing water products," EPA spokesman Michael Abboud.

On your question regarding windmills, please reach out to fish and wildlife services. And for the question regarding light bulbs please reach out to the department of energy.

Sent from my iPhone

On Dec 24, 2019, at 8:24 AM, Tamara Keith <TKeith@npr.org> wrote:

You're back on the 26th? No problem! Thank you for getting back to me on your day off. I am hoping to finish the piece on the 26th.

Please pardon my clumsy thumbs. This message was sent from my iPhone.

Tamara Keith
NPR
White House Correspondent
Host - NPR Politics Podcast
Ex. 6 Personal Privacy (PP)

On Dec 24, 2019, at 9:16 AM, Daguillard, Robert <Daguillard.Robert@epa.gov> wrote:

Good morning Tamara,

Our offices are closed today and tomorrow. Any way we could get back to you after the holiday?

Robert Daguillard
Public Affairs Officer
U.S. Environmental Protection Agency
Washington, DC
+1 (202) 564-6618 (O)
Ex. 6 Personal Privacy (PP)

On Dec 24, 2019, at 6:44 AM, Tamara Keith <TKeith@npr.org> wrote:

Hey guys – I am working on a story

about recent remarks President Trump made about water efficiency.

“They take a shower and water comes dripping out. It's dripping out -- very quietly dripping out. People are flushing toilets 10 times, 15 times, as opposed to once. They end up using more water. So, EPA is looking at that very strongly, at my suggestion. You go into a new building or a new house or a new home, and they have standards, "Oh, you don't get water." You can't wash your hands, practically, there's so little water comes out of the faucet.”

My question is, is the EPA reviewing low flow sinks/showerheads, dishwashers and toilets?? What is the status of that review? What about the president’s other environmental concerns, about fumes from the production of wind turbines and bird deaths. Do you happen to know where I might find the rule he mentioned about if a windmill kills a certain number of birds it is taken out of commission?

What about light bulbs? Is there a policy move in the works on energy efficient light bulbs? Is there a government

wide review of regulations related to efficiency that are to be rolled back?

--Tam

Please pardon my clumsy thumbs. This message was sent from my iPhone.

Tamara Keith
NPR
White House Correspondent
Host - NPR Politics Podcast
Ex. 6 Personal Privacy (PP)

Message

Sent: 12/6/2019 9:32:41 PM
To: Ross, David P [ross.davidp@epa.gov]
CC: Jackson, Ryan [jackson.ryan@epa.gov]; Wildeman, Anna [wildeman.anna@epa.gov]; Kramer, Jessica L. [kramer.jessical@epa.gov]; Forsgren, Lee [Forsgren.Lee@epa.gov]; Woods, Andrea [Woods.Andrea@epa.gov]; Block, Molly [block.molly@epa.gov]; Johnson, Taylor [Johnson.Taylor.C@epa.gov]; McFaul, Jessica [mcfaul.jessica@epa.gov]; Schiermeyer, Corry [schiermeyer.corry@epa.gov]
Subject: RE: Here's the full Pres Trump quote on water

Ex. 5 Deliberative Process (DP)

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Sent: Friday, December 6, 2019 3:51 PM
To: Abboud, Michael <abboud.michael@epa.gov>
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Ex. 5 Deliberative Process (DP)

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Lee is running point on this and has my proxy.

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Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Re: Clarification on President Trump saying EPA looking at water standards at his direction?

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> TRUMP SAYS U.S. EPA IS LOOKING AT CHANGING WATER STANDARDS AT HIS DIRECTION
>
> Best,
>
> Timothy Gardner
> Reuters
>
> +1 202 898-8360 (desk)
> **Ex. 6 Personal Privacy (PP)**

Message

From: Woods, Andrea [Woods.Andrea@epa.gov]
Sent: 12/9/2019 9:52:57 PM
To: Alexa Henning [Ex. 6 Personal Privacy (PP)]; Carolina Hurley [Ex. 6 Personal Privacy (PP)]; Jess Ditto [Ex. 6 Personal Privacy (PP)]; John Horstman [Ex. 6 Personal Privacy (PP)]; Judd Deere [Ex. 6 Personal Privacy (PP)]; Lauren Bowman [Ex. 6 Personal Privacy (PP)]; Meghan Burris [Ex. 6 Personal Privacy (PP)]; Roma Daravi [Ex. 6 Personal Privacy (PP)]; Sarah.K.Hasse2 [Ex. 6 Personal Privacy (PP)]; Steve Smith [S[Ex. 6 Personal Privacy (PP)]; Tori Symonds [Ex. 6 Personal Privacy (PP)]; Weston Loyd [Weston.Y.Loyd@[Ex. 6 Personal Privacy (PP)]; Cruz, Anthony A. [Ex. 6 Personal Privacy (PP)] [Anthony.A.Cruz@[Ex. 6 Personal Privacy (PP)]
CC: Schiermeyer, Corry [schiermeyer.corry@epa.gov]; Block, Molly [block.molly@epa.gov]; McFaul, Jessica [mcfaul.jessica@epa.gov]; Abboud, Michael [abboud.michael@epa.gov]; Johnson, Taylor [Johnson.Taylor.C@epa.gov]
Subject: Daily White House Report
Attachments: 12.09.19 EPA Daily Communications Report.docx

All,

Please see our daily White House report:

EPA Daily Communications Report
December 9, 2019

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Andrea Woods
Deputy Press Secretary
U.S. Environmental Protection Agency
Office of Public Affairs
202-564-2010

EPA Daily Communications Report

December 9, 2019

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Sent: 12/9/2019 9:40:45 PM
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Subject: FOR REVIEW: WH Report
Attachments: 12.09.19 EPA Daily Communications Report.docx

Report attached!

Andrea Woods
Deputy Press Secretary
U.S. Environmental Protection Agency
Office of Public Affairs
202-564-2010

EPA Daily Communications Report

December 9, 2019

Ex. 5 Deliberative Process (DP)

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Message

From: Forsgren, Lee [Forsgren.Lee@epa.gov]
Sent: 12/6/2019 11:12:08 PM
To: Abboud, Michael [abboud.michael@epa.gov]
Subject: FW: Here's the full Pres Trump quote on water

Ryan's point is fine.

From: Jackson, Ryan <jackson.ryan@epa.gov>
Sent: Friday, December 6, 2019 6:11 PM
To: Abboud, Michael <abboud.michael@epa.gov>; Ross, David P <ross.davidp@epa.gov>
Cc: Wildeman, Anna <wildeman.anna@epa.gov>; Kramer, Jessica L. <kramer.jessical@epa.gov>; Forsgren, Lee <Forsgren.Lee@epa.gov>; Woods, Andrea <Woods.Andrea@epa.gov>; Block, Molly <block.molly@epa.gov>; Johnson, Taylor <Johnson.Taylor.C@epa.gov>; McFaul, Jessica <mcfaul.jessica@epa.gov>; Schiermeyer, Corry <schiermeyer.corry@epa.gov>
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Subject: Re: Here's the full Pres Trump quote on water

Ryan you good with this?

Sent from my iPhone

On Dec 6, 2019, at 5:03 PM, Abboud, Michael <abboud.michael@epa.gov> wrote:

Talked with Lee, here's the new statement. Going to send this along if you're good with this Ryan?

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TRUMP SAYS U.S. EPA IS LOOKING AT CHANGING WATER STANDARDS AT HIS DIRECTION

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Timothy Gardner
Reuters

+1 202 898-8360 (desk)
Ex. 6 Personal Privacy (PP)

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From: Woods, Andrea [Woods.Andrea@epa.gov]
Sent: 12/11/2019 10:00:32 PM
To: Schiermeyer, Corry [schiermeyer.corry@epa.gov]; Block, Molly [block.molly@epa.gov]; Abboud, Michael [abboud.michael@epa.gov]; McFaul, Jessica [mcfaul.jessica@epa.gov]; Johnson, Taylor [Johnson.Taylor.C@epa.gov]
Subject: FW: FOR REVIEW: WH Report
Attachments: 12.11.19 EPA Daily Communications Report.docx

Is this all set?

From: Woods, Andrea
Sent: Wednesday, December 11, 2019 3:47 PM
To: Schiermeyer, Corry <schiermeyer.corry@epa.gov>; Block, Molly <block.molly@epa.gov>; McFaul, Jessica <mcfaul.jessica@epa.gov>; Abboud, Michael <abboud.michael@epa.gov>; Johnson, Taylor <Johnson.Taylor.C@epa.gov>
Subject: FOR REVIEW: WH Report

Report attached!

Andrea Woods
Deputy Press Secretary
U.S. Environmental Protection Agency
Office of Public Affairs
202-564-2010

Message

From: Woods, Andrea [Woods.Andrea@epa.gov]
Sent: 12/16/2019 4:09:37 PM
To: Abboud, Michael [abboud.michael@epa.gov]
Subject: Year end interview DRAFT brief
Attachments: 12.18.19 Year-End Interview Brief.docx

Andrea Woods
Deputy Press Secretary
U.S. Environmental Protection Agency
Office of Public Affairs
202-564-2010

Message

From: Rachel Layne [Ex. 6 Personal Privacy]
Sent: 12/9/2019 8:20:16 PM
To: Hackel, Angela [Hackel.Angela@epa.gov]
CC: Press [Press@epa.gov]
Subject: Re: Inquiry from CBS MoneyWatch

Hi Angela,
I'll use the current figures on the EPA website for now but if you have updated figures CBS can update the story later on. Thanks very much,
Rachel

On Mon, Dec 9, 2019 at 3:05 PM Hackel, Angela <Hackel.Angela@epa.gov> wrote:

Hi Rachel,

I heard back from my colleagues and we do not believe that we will be able to meet your deadline of today. I wanted to see if you would be able to update your story.

Please let me know.

Thanks,

Angela

From: Hackel, Angela
Sent: Monday, December 9, 2019 12:12 PM
To: Rachel Layne <[Ex. 6 Personal Privacy]>, Press <Press@epa.gov>
Subject: RE: Inquiry from CBS MoneyWatch

Hi Rachel,

I am looking into this for you and I will get back to you as soon as I am able.

Thanks,

Angela

Angela Hackel

Senior Advisor
Office of the Administrator

Office of Public Affairs

U.S. Environmental Protection Agency

Washington, DC 20460

Office: 202.566.2977

Ex. 6 Personal Privacy (PP)

From: Rachel Layne < Ex. 6 Personal Privacy >
Sent: Monday, December 9, 2019 11:38 AM
To: Press <Press@epa.gov>
Subject: Inquiry from CBS MoneyWatch

Hello,
I'm a reporter writing a story for CBS MoneyWatch on how much each flush typically costs the consumer given President Trump's remarks on Friday.

I see this WaterSense pamphlet from 2017 outlining products and water use, but wondering if there's anything more recent and with estimated costs.

Questions are:
How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

Thanks very much for any help you can give. My deadline is today.
Thanks,
Ex. 6 Personal Privacy (PP)

--

Rachel Layne

Reporter/editor/writer/teacher

Ex. 6 Personal Privacy

rachel_layne@emerson.edu

https://www.linkedin.com/in/rachellayne/
Ex. 6 Personal Privacy (PP)

--
Rachel Layne
Reporter/editor/writer/teacher
Ex. 6 Personal Privacy
rachel_layne@emerson.edu
https://www.linkedin.com/in/rachellayne/
Ex. 6 Personal Privacy (PP)

Message

From: Sullivan, Melissa [sullivan.melissa@epa.gov]
Sent: 12/9/2019 7:48:56 PM
To: Abboud, Michael [abboud.michael@epa.gov]
CC: Press [Press@epa.gov]
Subject: White House Report 12/09/19

White House Report
December 9. 2019

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Melissa A. Sullivan
Public Affairs Specialist
Office of Public Affairs
U.S. Environmental Protection Agency
202 564 4318
Sullivan.Melissa@epa.gov

Message

From: Hackel, Angela [Hackel.Angela@epa.gov]
Sent: 12/9/2019 4:46:01 PM
To: Abboud, Michael [abboud.michael@epa.gov]; Press [Press@epa.gov]
Subject: RE: Inquiry from CBS MoneyWatch

Will do!

From: Abboud, Michael <abboud.michael@epa.gov>
Sent: Monday, December 9, 2019 11:45 AM
To: Hackel, Angela <Hackel.Angela@epa.gov>; Press <Press@epa.gov>
Subject: RE: Inquiry from CBS MoneyWatch

Ex. 5 Deliberative Process (DP)

From: Hackel, Angela <Hackel.Angela@epa.gov>
Sent: Monday, December 9, 2019 11:42 AM
To: Press <Press@epa.gov>
Subject: FW: Inquiry from CBS MoneyWatch

Ex. 5 Deliberative Process (DP)

Thanks,

Angela

From: Rachel Layne < Ex. 6 Personal Privacy
Sent: Monday, December 9, 2019 11:38 AM
To: Press <Press@epa.gov>
Subject: Inquiry from CBS MoneyWatch

Hello,
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Thanks very much for any help you can give. My deadline is today.
Thanks,
Ex. 6 Personal Privacy (PP)

--
Rachel Layne
Reporter/editor/writer/teacher

Ex. 6 Personal Privacy
rachel_layne@emerson.edu
https://www.linkedin.com/in/rachellayne/
Ex. 6 Personal Privacy (PP)

Message

From: Gardner, Timothy (Reuters) [timothy.gardner@thomsonreuters.com]
Sent: 12/7/2019 12:38:46 AM
To: Abboud, Michael [abboud.michael@epa.gov]
CC: Block, Molly [block.molly@epa.gov]; Press [Press@epa.gov]
Subject: RE: Here's the full Pres Trump quote on water

Thanks Mike

From: Abboud, Michael <abboud.michael@epa.gov>
Sent: Friday, December 6, 2019 6:35 PM
To: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Re: Here's the full Pres Trump quote on water

Tim here you are.

"EPA is working with all federal partners including Department of Energy to review the implementation of the Federal Energy Management Plan and how it's relevant programs interact with it to ensure American consumers have more choice when purchasing water products." - Michael Abboud, EPA spokesman

Sent from my iPhone

On Dec 6, 2019, at 3:36 PM, Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com> wrote:

Hi Mike
This is the quote. Does EPA have a comment about what he is getting at?
Thanks, Tim

"We have a situation where we're looking very strongly at sinks and showers and other elements of bathrooms, where you turn the faucet on in areas where there's tremendous amounts of water, where the water rushes out to sea because you could never handle it, and you don't get any water. You turn on the faucet, you don't get any water. They take a shower and water comes dripping out. It's dripping out, very quietly dripping out. People are flushing toilets 10 times, 15 times, as opposed to once. They end up using more water. So EPA is looking at that very strongly at my suggestion. You go into a new building or a new house or a new home, and they have standards ... where you don't get water. You can't watch your hands practically, there's so little water comes out of the faucet. And the end result is you leave the faucet on and it takes you much longer to wash your hands. You end up using the same amount of water. So we're looking very seriously at opening up the standard. And there may be some areas where we'll go the other route - desert areas - but for the most part, you have many states where they have so much water that it comes down. It's called rain. They don't know what to do with it. So we're going to be opening up that, I believe, and we're looking at changing the standards very soon. And that's a little bit like the lightbulb, where you get a bulb that's better for much less money. We go back, but you have the other alternative. And you'll keep the other alternative with sinks and showers, et cetera, too. But that's been a big problem."

From: Abboud, Michael <abboud.michael@epa.gov>
Sent: Friday, December 6, 2019 2:52 PM
To: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Re: Clarification on President Trump saying EPA looking at water standards at his direction?

Can you send us a link to the article?

Sent from my iPhone

On Dec 6, 2019, at 2:45 PM, Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com> wrote:

Hi – We just ran the below headline from a President Trump media opportunity where he talked about EPA considering changing water standards at his direction.
Wonder if you might have any clarification about what he what mentioning.

Many thanks, Tim

TRUMP SAYS U.S. EPA IS LOOKING AT CHANGING WATER STANDARDS AT HIS DIRECTION

Best,

Timothy Gardner
Reuters

+1 202 898-8360 (desk)
Ex. 6 Personal Privacy (PP)

Message

From: Tamara Keith [TKeith@npr.org]
Sent: 12/26/2019 2:42:48 PM
To: Abboud, Michael [abboud.michael@epa.gov]
CC: Daguillard, Robert [Daguillard.Robert@epa.gov]; Press [Press@epa.gov]
Subject: RE: Policy on low flow toilets, dishwashers, etc.

Thanks much!

From: Abboud, Michael <abboud.michael@epa.gov>
Sent: Thursday, December 26, 2019 9:33 AM
To: Tamara Keith <TKeith@npr.org>
Cc: Daguillard, Robert <Daguillard.Robert@epa.gov>; Press <Press@epa.gov>
Subject: Re: Policy on low flow toilets, dishwashers, etc.

Hey Tamara, on your first question see below.

"EPA is working with all federal partners including the Department of Energy to review the implementation of the Federal Energy Management Plan and how it's relevant programs interact with it to ensure American consumers have more choice when purchasing water products," EPA spokesman Michael Abboud.

On your question regarding windmills, please reach out to fish and wildlife services. And for the question regarding light bulbs please reach out to the department of energy.

Sent from my iPhone

> On Dec 24, 2019, at 8:24 AM, Tamara Keith <TKeith@npr.org> wrote:
>
> You're back on the 26th? No problem! Thank you for getting back to me on your day off. I am hoping to finish the piece on the 26th.
>
> Please pardon my clumsy thumbs. This message was sent from my iPhone.
>
> Tamara Keith
> NPR
> White House Correspondent
> Host - NPR Politics Podcast
> Ex. 6 Personal Privacy (PP)
>
>> On Dec 24, 2019, at 9:16 AM, Daguillard, Robert <Daguillard.Robert@epa.gov> wrote:
>>
>> Good morning Tamara,
>>
>> Our offices are closed today and tomorrow. Any way we could get back to you after the holiday?
>>
>> **Robert Daguillard**

Public Affairs Officer
U.S. Environmental Protection Agency
Washington, DC
+1 (202) 564-6618 (O)
Ex. 6 Personal Privacy (PP)

On Dec 24, 2019, at 6:44 AM, Tamara Keith <TKeith@npr.org> wrote:

Hey guys – I am working on a story about recent remarks President Trump made about water efficiency.

"They take a shower and water comes dripping out. It's dripping out -- very quietly dripping out. People are flushing toilets 10 times, 15 times, as opposed to once. They end up using more water. So, EPA is looking at that very strongly, at my suggestion. You go into a new building or a new house or a new home, and they have standards, "Oh, you don't get water." You can't wash your hands, practically, there's so little water comes out of the faucet."

My question is, is the EPA reviewing low flow sinks/showerheads, dishwashers and toilets?? What is the status of that review? What about the president's other environmental concerns, about fumes from the production of wind turbines and bird deaths. Do you happen to know where I might find the rule he mentioned about if a windmill kills a certain number of birds it is taken out of commission?

What about light bulbs? Is there a policy move in the works on energy efficient light bulbs? Is there a government wide review of regulations related to efficiency that are to be rolled back?

--Tam

Please pardon my clumsy thumbs. This message was sent from my iPhone.

Tamara Keith
NPR
White House Correspondent
Host - NPR Politics Podcast
Ex. 6 Personal Privacy (PP)

Message

From: awittenberg@eenews.net [awittenberg@eenews.net]
Sent: 12/12/2019 9:14:36 PM
To: Hackel, Angela [Hackel.Angela@epa.gov]; Press [Press@epa.gov]
Subject: RE: Watersense--E&E News

Thanks, Angela.

Just so I'm clear, does that mean there is a second review of water-efficient projects happening outside of the Congressionally-mandated Watersense review?

Ariel

From: Hackel, Angela <Hackel.Angela@epa.gov>
Sent: Thursday, December 12, 2019 4:13 PM
To: Ariel Wittenberg <awittenberg@eenews.net>; Press <Press@epa.gov>
Subject: RE: Watersense--E&E News

Hi Ariel,

Please see our statement below.

Also, for further information please visit: https://www.epa.gov/watersense.

Thanks,

Angela

From: awittenberg@eenews.net <awittenberg@eenews.net>
Sent: Thursday, December 12, 2019 3:28 PM
To: Press <Press@epa.gov>
Subject: Watersense--E&E News

Hi Everyone,

Hope you're doing well! I'm working on an article in the wake of President Trump's comments last week about water-efficient toilets, I'm working on an article about the ongoing effort of the Watersense program to review its specifications for a number of fixtures, including tank type toilets. I understand that this review is congressionally-mandated by the 2018 America's Water Infrastructure Act, but wanted to ask if anyone from the White House has had any input in the effort, or whether any aspect of the review has changed since the President's comments on Friday?

Also, any comment you all could provide, generally, about the review would be much appreciated.

My deadline is 11:30 a.m. tomorrow.

Thanks,

Ariel

Ariel Wittenberg
E&E News reporter
awittenberg@eenews.net
Ex. 6 Personal Privacy (PP)
@arielwittenberg

E&E NEWS
122 C Street NW 7th Floor Washington, DC 20001
www.eenews.net | @EENewsUpdates
Energywire, Climatewire, Greenwire, E&E Daily, E&E News PM, E&ETV

Message

From: Hackel, Angela [Hackel.Angela@epa.gov]
Sent: 12/12/2019 9:07:30 PM
To: Abboud, Michael [abboud.michael@epa.gov]; Press [Press@epa.gov]
Subject: RE: Watersense--E&E News

Ok, I will send the statement below and the link to water sense.

From: Abboud, Michael <abboud.michael@epa.gov>
Sent: Thursday, December 12, 2019 4:05 PM
To: Hackel, Angela <Hackel.Angela@epa.gov>; Press <Press@epa.gov>
Subject: RE: Watersense--E&E News

Just send that.

From: Hackel, Angela <Hackel.Angela@epa.gov>
Sent: Thursday, December 12, 2019 4:04 PM
To: Press <Press@epa.gov>
Subject: FW: Watersense--E&E News

Hello,

Just checking to see if you wanted me to send the below.

Please see our statement below.

"EPA is working with all federal partners including Department of Energy to review the implementation of the Federal Energy Management Plan and how it's relevant programs interact with it to ensure American consumers have more choice when purchasing water products." - Michael Abboud, EPA spokesman

Also, for further information please visit: https://www.epa.gov/watersense.

Thanks,

Angela

From: awittenberg@eenews.net <awittenberg@eenews.net>
Sent: Thursday, December 12, 2019 3:28 PM
To: Press <Press@epa.gov>
Subject: Watersense--E&E News

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Also, any comment you all could provide, generally, about the review would be much appreciated.

My deadline is 11:30 a.m. tomorrow.

Thanks,

Ariel

Ariel Wittenberg
E&E News reporter
awittenberg@eenews.net
Ex. 6 Personal Privacy (PP)
@arielwittenberg

E&E NEWS
122 C Street NW 7th Floor Washington, DC 20001
www.eenews.net | @EENewsUpdates
Energywire, Climatewire, Greenwire, E&E Daily, E&E News PM, E&ETV

Message

From: Sullivan, Melissa [sullivan.melissa@epa.gov]
Sent: 12/11/2019 8:00:45 PM
To: Abboud, Michael [abboud.michael@epa.gov]
CC: Press [Press@epa.gov]
Subject: White House Report 12/11/19

White House Report
December 11, 2019

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Melissa A. Sullivan
Public Affairs Specialist
Office of Public Affairs
U.S. Environmental Protection Agency
202 564 4318
Sullivan.Melissa@epa.gov

Message

From: Hackel, Angela [Hackel.Angela@epa.gov]
Sent: 12/11/2019 4:54:33 PM
To: Lesley Clark [lclark@eenews.net]; Block, Molly [block.molly@epa.gov]; Press [Press@epa.gov]
Subject: RE: Question on President Trump's remarks on water flow

Hi Lesley,

Please see our statement below.

"EPA is working with all federal partners including Department of Energy to review the implementation of the Federal Energy Management Plan and how it's relevant programs interact with it to ensure American consumers have more choice when purchasing water products." - Michael Abboud, EPA spokesman

Also, for further information please visit: https://www.epa.gov/watersense.

Thanks,

Angela

Angela Hackel
Senior Advisor
Office of the Administrator
Office of Public Affairs
U.S. Environmental Protection Agency
Washington, DC 20460
Office: 202.566.2977
Ex. 6 Personal Privacy (PP)

From: Lesley Clark <lclark@eenews.net>
Sent: Wednesday, December 11, 2019 11:26 AM
To: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Question on President Trump's remarks on water flow

Good morning,

I'm writing on President Trump's complaints last week about low-flow faucets and toilets and his suggestion that EPA is looking "very strongly" at "opening up the standard." From what I understand, they date back to the 1992 Energy Policy Act which mandated water efficiency standards for nearly all toilets, urinals and showerheads. Is that something that the EPA is looking to revise?

Thanks for any help you can provide,

Lesley

Lesley Clark

Energywire, E&E News
lclark@eenews.net
202-446-0453 o
Ex. 6 Personal Privacy (PP)
@lesleyclark

Message

From: Schiermeyer, Corry [schiermeyer.corry@epa.gov]
Sent: 12/11/2019 4:46:51 PM
To: Hackel, Angela [Hackel.Angela@epa.gov]; Press [Press@epa.gov]
Subject: RE: For Review: Question on President Trump's remarks on water flow

yes

From: Hackel, Angela <Hackel.Angela@epa.gov>
Sent: Wednesday, December 11, 2019 11:45 AM
To: Press <Press@epa.gov>
Subject: For Review: Question on President Trump's remarks on water flow

Should I send the below back (this is what we used yesterday for a similar question)?

Thanks,

Angela

Please see our statement below.

"EPA is working with all federal partners including Department of Energy to review the implementation of the Federal Energy Management Plan and how it's relevant programs interact with it to ensure American consumers have more choice when purchasing water products." - Michael Abboud, EPA spokesman

Also, for further information please visit: https://www.epa.gov/watersense.

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Thanks for any help you can provide,

Lesley

Lesley Clark
Energywire, E&E News
lclark@eenews.net
202-446-0453 o
Ex. 6 Personal Privacy (PP)

@lesleyclark

Message

From: Hackel, Angela [Hackel.Angela@epa.gov]
Sent: 12/10/2019 3:39:14 PM
To: Abboud, Michael [abboud.michael@epa.gov]
CC: Schiermeyer, Corry [schiermeyer.corry@epa.gov]; Press [Press@epa.gov]
Subject: Re: Inquiry from CBS MoneyWatch

Will do!

Angela Hackel
Senior Advisor
Office of the Administrator
Office of Public Affairs
U.S. Environmental Protection Agency
Office: 202.566.2977
Ex. 6 Personal Privacy (PP)

On Dec 10, 2019, at 10:32 AM, Abboud, Michael <abboud.michael@epa.gov> wrote:

Send them to our website where they can find more information. And send them my statement as well.

https://www.epa.gov/watersense

From: Schiermeyer, Corry <schiermeyer.corry@epa.gov>
Sent: Tuesday, December 10, 2019 9:25 AM
To: Hackel, Angela <Hackel.Angela@epa.gov>; Abboud, Michael <abboud.michael@epa.gov>; Press <Press@epa.gov>
Subject: RE: Inquiry from CBS MoneyWatch

Ex. 5 Deliberative Process (DP)

From: Hackel, Angela <Hackel.Angela@epa.gov>
Sent: Tuesday, December 10, 2019 8:52 AM
To: Abboud, Michael <abboud.michael@epa.gov>; Press <Press@epa.gov>
Subject: RE: Inquiry from CBS MoneyWatch

Hi Michael,

Ex. 5 Deliberative Process (DP)

Thanks,

Angela

From: Abboud, Michael <abboud.michael@epa.gov>
Sent: Monday, December 9, 2019 11:45 AM
To: Hackel, Angela <Hackel.Angela@epa.gov>; Press <Press@epa.gov>
Subject: RE: Inquiry from CBS MoneyWatch

Ex. 5 Deliberative Process (DP)

From: Hackel, Angela <Hackel.Angela@epa.gov>
Sent: Monday, December 9, 2019 11:42 AM
To: Press <Press@epa.gov>
Subject: FW: Inquiry from CBS MoneyWatch

Ex. 5 Deliberative Process (DP)

Thanks,

Angela

From: Rachel Layne < Ex. 6 Personal Privacy
Sent: Monday, December 9, 2019 11:38 AM
To: Press <Press@epa.gov>
Subject: Inquiry from CBS MoneyWatch

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Thanks very much for any help you can give. My deadline is today.
Thanks,
Ex. 6 Personal Privacy (PP)

--
Rachel Layne
Reporter/editor/writer/teacher
Ex. 6 Personal Privacy
rachel_layne@emerson.edu
https://www.linkedin.com/in/rachellayne/
+1-617-512-0534

Message

From: Abboud, Michael [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B6F5AF791A1842F1ADCC088CBF9ED3CE-ABBOUD, MIC]
Sent: 12/6/2019 11:35:06 PM
To: Wallace, Gregory [gregory.wallace@turner.com]
CC: Press [Press@epa.gov]
Subject: Re: question regarding water fixture review

Hey Greg,

"EPA is working with all federal partners including Department of Energy to review the implementation of the Federal Energy Management Plan and how it's relevant programs interact with it to ensure American consumers have more choice when purchasing water products." - Michael Abboud, EPA spokesman

Sent from my iPhone

On Dec 6, 2019, at 3:37 PM, Wallace, Gregory <gregory.wallace@turner.com> wrote:

Good afternoon,

President Trump announced this afternoon that EPA is reviewing standards for faucets, showerheads, and other bathroom fixtures. He said "We're looking at changing the standards very soon."

Could you provide further information about what standards the agency has under review and what action it is considering changing?

Thank you,
Greg

Gregory Wallace
CNN
Ex. 6 Personal Privacy (PP)

Message

From: Abboud, Michael [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B6F5AF791A1842F1ADCC088CBF9ED3CE-ABBOUD, MIC]
Sent: 12/6/2019 9:48:47 PM
To: Ross, David P [ross.davidp@epa.gov]
CC: Jackson, Ryan [jackson.ryan@epa.gov]; Wildeman, Anna [wildeman.anna@epa.gov]; Kramer, Jessica L. [kramer.jessical@epa.gov]; Forsgren, Lee [Forsgren.Lee@epa.gov]; Woods, Andrea [Woods.Andrea@epa.gov]; Block, Molly [block.molly@epa.gov]; Johnson, Taylor [Johnson.Taylor.C@epa.gov]; McFaul, Jessica [mcfaul.jessica@epa.gov]; Schiermeyer, Corry [schiermeyer.corry@epa.gov]
Subject: RE: Here's the full Pres Trump quote on water

Will this work?

Ex. 5 Deliberative Process (DP)

From: Ross, David P <ross.davidp@epa.gov>
Sent: Friday, December 6, 2019 3:51 PM
To: Abboud, Michael <abboud.michael@epa.gov>
Cc: Jackson, Ryan <jackson.ryan@epa.gov>; Wildeman, Anna <wildeman.anna@epa.gov>; Kramer, Jessica L. <kramer.jessical@epa.gov>; Forsgren, Lee <Forsgren.Lee@epa.gov>; Woods, Andrea <Woods.Andrea@epa.gov>; Block, Molly <block.molly@epa.gov>; Johnson, Taylor <Johnson.Taylor.C@epa.gov>; McFaul, Jessica <mcfaul.jessica@epa.gov>; Schiermeyer, Corry <schiermeyer.corry@epa.gov>
Subject: Re: Here's the full Pres Trump quote on water

Ex. 5 Deliberative Process (DP) s **Ex. 5 Deliberative Process (DP)** Our Watersense program sits on top of those standards. It is a voluntary program, but was signed into law as an official EPA program by the President late last year.....

Lee is running point on this and has my proxy.

Sent from my iPhone

On Dec 6, 2019, at 2:40 PM, Abboud, Michael <abboud.michael@epa.gov> wrote:

Ex. 5 Deliberative Process (DP)

From: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Sent: Friday, December 6, 2019 3:35 PM
To: Abboud, Michael <abboud.michael@epa.gov>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Here's the full Pres Trump quote on water

Hi Mike
This is the quote. Does EPA have a comment about what he is getting at?
Thanks, Tim

"We have a situation where we're looking very strongly at sinks and showers and other elements of bathrooms, where you turn the faucet on in areas where there's tremendous amounts of water, where the water rushes out to sea because you could never handle it, and you don't get any water. You turn on the faucet, you don't get any water. They take a shower and water comes dripping out. It's dripping out, very quietly dripping out. People are flushing toilets 10 times, 15 times, as opposed to once. They end up using more water. So EPA is looking at that very strongly at my suggestion. You go into a new building or a new house or a new home, and they have standards ... where you don't get water. You can't watch your hands practically, there's so little water comes out of the faucet. And the end result is you leave the faucet on and it takes you much longer to wash your hands. You end up using the same amount of water. So we're looking very seriously at opening up the standard. And there may be some areas where we'll go the other route - desert areas - but for the most part, you have many states where they have so much water that it comes down. It's called rain. They don't know what to do with it. So we're going to be opening up that, I believe, and we're looking at changing the standards very soon. And that's a little bit like the lightbulb, where you get a bulb that's better for much less money. We go back, but you have the other alternative. And you'll keep the other alternative with sinks and showers, et cetera, too. But that's been a big problem."

From: Abboud, Michael <abboud.michael@epa.gov>
Sent: Friday, December 6, 2019 2:52 PM
To: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Re: Clarification on President Trump saying EPA looking at water standards at his direction?

Can you send us a link to the article?

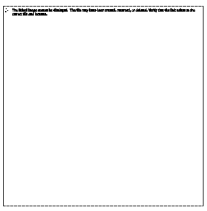
Sent from my iPhone

> On Dec 6, 2019, at 2:45 PM, Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com> wrote:
>
> Hi – We just ran the below headline from a President Trump media opportunity where he talked about EPA considering changing water standards at his direction.
> Wonder if you might have any clarification about what he what mentioning.
>
> Many thanks, Tim
>
> TRUMP SAYS U.S. EPA IS LOOKING AT CHANGING WATER STANDARDS AT HIS DIRECTION
>
> Best,
>
> Timothy Gardner
> Reuters
>
> +1 202 898-8360 (desk)
> Ex. 6 Personal Privacy (PP)

Message

From: White House Press Office [info@mail.whitehouse.gov]
Sent: 12/6/2019 10:14:59 PM
To: Abboud, Michael [abboud.michael@epa.gov]
Subject: Remarks by President Trump and Vice President Pence in a Roundtable on Small Business and Red Tape Reduction Accomplishments

Remarks by President Trump and Vice President Pence in a Roundtable on Small Business and Red Tape Reduction Accomplishments



Office of the Press Secretary

FOR IMMEDIATE RELEASE
December 6, 2019

REMARKS BY PRESIDENT TRUMP
AND VICE PRESIDENT PENCE
IN A ROUNDTABLE ON SMALL BUSINESS AND
RED TAPE REDUCTION ACCOMPLISHMENTS

Roosevelt Room

2:17 P.M. EST

THE PRESIDENT: Well, thank you very much, everyone. King Salman of Saudi Arabia, he just called to express his sincere condolences and give his sympathies to the families and friends of the warriors who were killed and wounded in the attack that took place just recently, just this morning, in Pensacola, Florida.

The King said that the Saudi people are greatly angered by the barbaric actions of the shooter and that this person, in no

way, shape, or form represents the feelings of the Saudi people who love the American people so much.

So that was just given to me by the King of Saudi Arabia. And I can tell you, it's a horrible thing that took place. And we're getting to the bottom of it. All of the investigators are there now, and they're studying it very closely. And a terrible thing. And our condolences go to the families and to everybody involved, including the wounded. We have some badly wounded people also. And we have to extend our condolences to them, and we'll be working with them all very closely.

So I just wanted to let you know that was from King Salman.

And today, we're here to talk to some of the very hardworking citizens who are benefitting from our historic record-setting campaign to eliminate job-killing regulations. I will tell you, the market is up 325 points today on great job numbers. The numbers have been phenomenal, actually. Some people said -- so spot on, so good -- that they've actually never seen anything like it. And it's a long way from when people were rooting for a recession because they thought they could maybe win an election. But we don't root for a recession; we root for success. And we're having tremendous success.

I want to thank Vice President Mike Pence, who's here, right here -- Mike, thank you -- as well as Secretary Gene Scalia, Secretary Elaine Chao, Acting OMB Director Russ Vought, and Acting Administrator Chris Pilkerton. Thank you all very much for being here. Appreciate it. Appreciate it very much.

It's been an incredible period of time, economically, for our country. Probably the best ever. And we have the best unemployment numbers in over 54 years. We have the best numbers for African Americans. This came out today. Again, African

American, Hispanic, Asian American -- the best numbers we've ever had. Numbers for women are at a record number. We think that it will probably -- if it keeps going like this -- very shortly be totally historic. But they're at numbers that nobody ever believed possible. Nobody would have believed it. Frankly, in the campaign, I would have never said it, but I felt we were going to do very well.

That's despite the fact that we're paying interest to people that have their money in the bank and other countries are not. So they have a great competitive advantage, and yet we're, by far, far and away, the most successful economy anywhere in the world. We're doing better than any other economy in the world. And, you know, we've created many trillions of dollars of wealth since the election. Other countries have lost many trillions of dollars.

We're, by far, the largest economy in the world, and that was going to change. For many years, they were saying that was going to change, we were going to go to number two during this presidency. That was years ago. And I guess that -- the wrong President got elected from the standpoint that there are a lot of people very unhappy about it. So they wish -- they certainly think it was the wrong President; they would have rather had somebody else because they're not number one. We're number one. And we're so far ahead that people can't even believe it.

So we've had tremendous success. We've had it together. This has been a great group of Cabinet members. And the people in the administration have done a really good job.

It was just reported that we added another 266,000 jobs in November and we've also had very favorable numbers outside of the 266 [thousand], including some of the past numbers have been corrected in a very positive way also. So we have 266,000 jobs, plus we've created 7 million jobs, since my

election. Unemployment is at the lowest rate, as I told you, in many years. And in many ways, I think we can probably, very soon, say "historically."

A record 158 million Americans are now working. That's the largest number in the history of our country. We've never had 158 million people working. And we should be breaking the 160 million magic mark fairly soon.

The stock market today, as you know, it's up 325. We've hit another record high. I believe that's 128 times -- something like that -- that we've broken the record, the all-time record for stock market highs. And think of that: about 128 times, and we've been here for less than three years. So it's -- and that, I can tell you, is a record.

2.5 million Americans have been lifted out of poverty. African American, Hispanic America, Asian American poverties -- poverty levels, in the positive sense, have hit record lows. That's something that nobody thought was going to be possible in a short period of time either. So they've all hit record lows.

Our regulatory reform efforts are delivering prosperity to forgotten men, women, and children of America. We are seeing a middle-class boom led by blue-collar jobs. And that's one of the things that's so great: The blue-collar workers -- great workers of our country -- they're really benefitting tremendously from what we've done with the tax cuts and all of the other things that we've done.

And very big, I think, is the regulation cuts. Because even before we were able to get the tax cuts so successfully from Congress, we started cutting regulations immediately, and that had a big impact. And that's why we went up so much between the election victory. So you'd say, really, from November 9th, the

day after the election, up until January 20th, the Inauguration, the stock markets and jobs went -- literally, went through the roof. And if the election were lost, it would have gone right through the floor. It would have been a disaster.

The soaring stock market is boosting pensions, 401(k)s, and college savings accounts at record levels. We've added $10 trillion in value to the economy, helping the small businesses that create two out of three new jobs. Nearly every single state has seen record numbers. Almost every state -- I can tell you, every state I've been to in the last three months is having the best year they've ever had. And that's because of the federal policy. And they're very thankful. The governors are very thankful. The senators are very thankful. They're all very thankful.

So things have happened that nobody thought would be possible. But, literally, every state I go to is setting a record for their state -- individual states. And one of the states had just reported, and it's because of our actions, not because of their actions, this I can tell you -- because their actions are very negative. California is doing much better than anyone anticipated because of what we've done at the federal level. So, I'm very happy about that.

Next year, we will continue our bold deregulatory campaign. We'll remove costly burdens to make cars safer and more affordable. I don't know if you know what's going on. We're in a dispute with California. California, in order to save a tiny amount of fuel, of which we have plenty -- and we have numbers that nobody would have believed possible. We're the largest energy producer now in the world, and we're an exporter of energy for the first in our history, really.

But we can make cars much less expensive, much better, much stronger, and about the same, from an environmental

standpoint. Very close. But then, when you realize that many old cars will be taken off the road because they don't want to get rid of them because they don't want to buy the new cars because, frankly, they don't work very well. That little -- like this: You take that. (Points at a glass of water.) Sometimes, it's about that much gasoline.

It's a difference between $3,500, extra computers put on the engines, and all of the other things that you have to do. But the cars are much safer. Our cars are much safer. They're much cheaper. They're much better. And the reason they're safer is because they can be heavier because, right now, the cars are made out of papier-mâché. (Laughter.) And ours are actually -- we allow steel content. (Laughter.)

And so people are getting very excited about it. We have some good support with the auto companies. The only ones that don't support are the car companies that want to be politically correct. But we'll end up in some litigation with California. But just remember: Our cars are safer -- and they are much safer, by the way -- and they're better. They operate better.

And, in every way, we think it's going to be terrific. And we have a lot of support from the car industry. And you're talking about a saving of $3,500 on average, per car. That's a tremendous saving.

And one of the other things, from an environmental standpoint, many of the old gas guzzlers are -- that are spewing out bad things are going to be coming off the road. Cars that are 10 years old and older, people will be going to the new cars because the pricing is better. And the net result of what happens environmentally is a very positive result because a lot of old cars are going to come off the road. And they won't come off the road with the California standard, but they'll come off

the road with our standard. So you have a better car for less money, and it will be safer.

We'll end the regulatory assault on franchise small businesses, which a lot of the people around the table want to do, because they're very, very strongly affected. We'll provide greater financial freedom and flexibility for U.S. truckers. The trucking industry has gotten -- right, Elaine? -- out of control. You might want to say a few words about that in a minute. But it's gotten out of control.

And we're doing other things. The lightbulb: They got rid of the lightbulb that people got used to. The new bulb is many times more expensive. And I hate to say it, it doesn't make you look as good. Of course, being a vain person, that's very important to me. (Laughter.) It's like a -- it gives you an orange look. I don't want an orange look. (Laughter.) Has anyone noticed that? (Laughter.) So we'll have to change those bulbs in at least a couple of rooms where I am in the White House. (Laughter.)

But we're going back to the -- it's a double standard. We have a standard of the new bulbs, and we have the old bulbs. And they're already making the old bulbs. Many people were complaining that the new bulbs were much, much more expensive. Many times, in some cases, more expensive. And the other thing, they're considered a hazardous waste that, because it's largely a gas technology, when the bulb is disposed of, you're supposed to bring it to a hazardous waste site. I said, "How many people do that?" "No- -- nobody does it." And, you know, that's a bad thing.

So you probably heard about it. You probably read about it. And you'll be able to buy lightbulbs that actually are better lighting, in the opinion of many -- and, I tell you, in my opinion -- and for a lot less money. And so we're doing

that. But you'll also be able -- if you want, you can buy the other bulbs also. And I'll tell you, even the bulb companies are very happy about that.

But together, we're defending the American workers. We're using common sense. We have a situation where we're looking very strongly at sinks and showers and other elements of bathrooms where you turn the faucet on -- in areas where there's tremendous amounts of water, where the water rushes out to sea because you could never handle it -- and you don't get any water. You turn on the faucet; you don't get any water. They take a shower and water comes dripping out. It's dripping out -- very quietly dripping out. People are flushing toilets 10 times, 15 times, as opposed to once. They end up using more water. So, EPA is looking at that very strongly, at my suggestion.

You go into a new building or a new house or a new home, and they have standards, "Oh, you don’t get water." You can't wash your hands, practically, there's so little water comes out of the faucet. And the end result is you leave the faucet on and it takes you much longer to wash your hands. You end up using the same amount of water.

So we're looking at, very seriously, at opening up the standard. And there may be some areas where we'll go the other route -- desert areas. But for the most part, you have many states where they have so much water that it comes down -- it's called rain -- (laughter) -- that they don't know -- they don't know what to do with it.

So we're going to be opening up that, I believe. And we're looking at changing the standards very soon. And that's a little bit like the lightbulb, where you get a bulb that's better for much less money. We go back -- but you have the other alternative. And you'll keep the other alternative with sinks and showers, et cetera, too. But that's been a big problem.

So a lot -- a lot of the things we do are based on common sense. Somebody said, "Is that a conservative, is it a liberal thing? Is it -- what is it? What are we doing?" I said, "It's a commonsense thing." In so many -- so many of the things that we do, it's based on common sense, like the car. The car will end up with that net tremendous saving, environmentally, when you think of all the cars, the old cars, that will come off the road. You'll end up with a very -- a better car. And you'll end up -- environmentally, it will be ultimately much better.

So, with that, I'd like to introduce Mike Pence, our great Vice President. And, Mike, you might want to saw a few words and, very importantly, go around the table with a couple other people you want to introduce.

THE VICE PRESIDENT: We will. Thank you, Mr. President. And it's a great day in America, where we cleared the threshold of 7 million jobs created. And I assured all these business leaders and owners around the table earlier, Mr. President, that they have a President who understands that, while you -- you've advanced tax cuts and tax reform at a historic level, unleashed American energy, fought to open markets, free and fair trade, and rolled back regulation at a historic level, that -- that you, as someone who built a lifetime in a business and grew up in a family business, understand that it's -- it's businesses that create those jobs.

And we really have a group around us that's done an incredible job, being a part of that extraordinary economic boom that's underway.

But I assured them that, for all that we've accomplished, it's just what you consider to be a good start. And today, several of them have welcomed the opportunity to share their stories of what, particularly, cutting federal red tape has meant

to their businesses and how we can continue to build the momentum in this economy through more regulatory reform.

I'm going to introduce all three of them first, and then they can just go at -- at their timing and yours.

Barb Smith is the President of Journey Steel, which was founded 10 years ago and based in Cincinnati. Ryan Newby is Vice President of the Bank of Laverne in Laverne, Oklahoma. And Drew DeWalt is Co-Founder of Rhumbix, Incorporated -- a field data capture company that's revolutionizing aspects of the construction industry -- and also a Navy veteran.

And I'll also encourage you to hear from Dana Weber, whose family business was started 50 years ago by her dad. And she told me she's worked there for 48 of those years, growing up, and is a part of a burgeoning and growing pipe business in this country that's benefitted by the efforts that you've taken on steel.

THE PRESIDENT: Good. Yeah.

THE VICE PRESIDENT: So these are great job creators. And I've told all of them how grateful we were to have them here, for what they're doing, and how anxious you are to hear how we can continue to build the momentum in this booming economy.

So, Barb.

THE PRESIDENT: Please. Yes.

MS. SMITH: So, thank you very much, Mr. President and Vice President, for giving me this incredible opportunity to be at this session. As said, my name is Barb Smith, and I'm the President of Journey Steel. Journey Steel is a self-performing steel fabrication and erection company. We're headquartered in

Cincinnati, Ohio.

My partner and I established Journey in 2009, built on passion, integrity, and dependability. We provide on-time, safety-driven, in-budget projects to our clients, while also impacting the community.

We have a year-round paid, pre-apprenticeship program that targets inner-city high school seniors. So upon their graduation, we get them started on their career in the construction industry.

My company is certified 8(a), WOSB, MBE, and, on a state level, EDGE and DBE, which -- these programs are put in place to help small, minority-women-owned businesses to grow. However, some of the regulations that are in place really hinder that opportunity for us.

If I may share an analogy --

THE PRESIDENT: Yeah, go ahead.

MS. SMITH: I'm Dorothy. The ruby-red slippers are the certifications that I have. And the agencies point me on the yellow brick road. I've made a lot of friends along the way. They've been very supportive on my journey to the Emerald City. (Laughter.) But when I got to the Emerald City, those big doors closed in my face because of some of the regulations that told me to go back, jump through some wicked hoops --

THE PRESIDENT: Right.

MS. SMITH: -- which I managed to do. Got back; the doors were then opened, only for me to find another set of regulations behind the curtain.

So my ask of this administration would be: Remove those regulations. Let us get to the man behind the curtain who knows the power and those ruby-red slippers that they've given us to open those doors for contracts so that we can truly unpack them.

THE PRESIDENT: Now, did you write those regulations down? Did you think they're -- I assume you think they're unnecessary. Because some regulation is needed.

MS. SMITH: They're not -- I won't say they're unnecessary. Like I said, great people in the SBA. I'll use that as part of it. Like I said, they are tremendous. They know their job.

THE PRESIDENT: Do you know the ones that Barb is talking about?

ACTING ADMINISTRATOR PILKERTON: I gave her my direct line and e-mail. So we're going to talk about that afterwards.

MS. SMITH: We're going to talk about that later.

THE PRESIDENT: Is that right?

ACTING ADMINISTRATOR PILKERTON: Yes, sir. Yes, sir.

MS. SMITH: Yes.

THE PRESIDENT: And if we can do it, you do it.

ACTING ADMINISTRATOR PILKERTON: Yes, sir.

MS. SMITH: Yes. And they're just simple. With the regulations, with a new 8(a) firm, being small, minority-women-owned, some of the things that we need -- the biggest thing we need is a mentor. And in order to get a mentor who has the past

performances, who has the bonding capabilities, who knows how to work for the government, which is one of the biggest spins in the construction industry, as you know; you spend billions and billions of dollars.

But for the small, minority-women-owned business, who can't get to that company that's already been there, the regulations are in place where these agencies can't give me a list, they can't help me find that mentor. And even though I may knock on the door, I may not get to the right person.

So that's just a simple regulation that hopefully would be able to be removed -- because if we're able to get to the right people, understand that, get the mentors in place that help us grow so that we can hire more people, change the economy, get more people to work, that would truly benefit -- which is what these programs, I believe, was established for to begin with, is to help the minority, small businesses be able to access federal contracts.

THE PRESIDENT: Okay. Good. Thank you, Barb, very much. Thank you.

MS. SMITH: Thank you. Thank you.

THE VICE PRESIDENT: That's great. That's great.

Ryan.

MR. NEWBY: Mr. President, Mr. Vice President, thank you for the opportunity and your time today. I appreciate it very much. Ryan Newby, from Laverne, Oklahoma -- northwest part of the state. I represent a small community bank in the Oklahoma Panhandle. And I say "small" -- we're $58 million in total assets, $26 million in loans.

A few points that I wanted to hit on was the reform and repeal of Dodd-Frank. We, like a lot of other banks in Oklahoma, got out of the mortgage-lending business due to the compliance red tape that we were having to deal with. Forty percent of the banks in Oklahoma got out the mortgage-lending business at that time.

And with your deregulation, we've been able to get back into that and serve our customers. We were sending them, you know, 40, 50 miles down the road to competition. So that's been a big plus for banks like us.

A couple other points I'd like to make are -- it probably don't seem like big things to other people, but longer exam cycles for well-capitalized banks -- you know, 18-month exam cycles, which helps cut down on compliance costs. We don't have to deal with examiners as much; we can serve our customers. And also, the corporate tax rate being lowered from 34 percent to 21 percent saves us thousands of dollars a year to reinvest in our community and make more loans for our customers.

So, again, thank you --

THE PRESIDENT: Thank you, Ryan.

MR. NEWBY: -- for everything you guys have been doing.

THE PRESIDENT: Good job you're doing. I've heard some good things. Great. Thank you very much.

THE VICE PRESIDENT: That's great.

Drew.

MR. DEWALT: Thank you. Mr. President, it's an honor to be here today. My grandfather was a World War Two Navy veteran and

spent the rest of his career running a small business -- a construction company. And so I guess you could say I followed in his footsteps.

I'm also a Navy veteran. Got into construction afterwards. I actually developed into building large infrastructure projects and then started my own small business. It's a technology company providing technologies for construction companies to operate more efficiently.

I really think, until we started our business, Rhumbix -- my co-founder is actually a Navy veteran as well.

THE PRESIDENT: Great.

MR. DEWALT: So until we started our business, nobody had built technology and software solutions for the men and women actually building construction. You don't get it built and somebody's hands get put on it. So that's what our business does to really drive efficiency in the construction industry.

And through this experience, I've gained a great appreciation for the construction industry -- all the good that it does. But, as you well know, with all of your building completed, it's a -- it can get pretty complicated, costly, and inefficient. So I love the dereg- -- deregulation approach we're taking here.

As part of my business, I get to go to construction companies -- boots on the ground -- across the country. And I've seen the drag that over- -- overdue-for-a-good-look regulation has on the industry.

That being said, none of the builders that I meet with and work with have ever seen the industry booming as much as it has right now. They have the largest work backlogs that they've ever

had. And the only thing constraining the industry right now is finding enough people to do the work.

THE PRESIDENT: That's right.

MR. DEWALT: So if we can -- sidebar -- drive more people and encourage more people to join the trades, which is a lucrative individual business and can prop up this part of the economy, that would be welcomed.

But there's still more issues to be solved. You know, I think -- I see a lot of companies doing federal contracting work that have added costs to their business -- of specific software and overhead and head count just for compliance. No other economic result on the business, other than making sure you're compliant or you're going to get fined later.

THE PRESIDENT: Sure. It's too much. I agree.

MR. DEWALT: And then I see good projects getting done, and they're still not out of risk, because -- I had a contractor tell me: About six months after a job being completed, they got sued for payroll noncompliance. They had to fly somebody from the U.S. to Australia to dig through the garage of a former employee for a legal box, looking for the right paperwork to verify so they didn't get sued.

You've done enough building, I'm sure you've been in a similar situation. It's crazy. These inefficiencies still exist, and I think there's just such a good opportunity.

I think what I do on the technology front is important for taking an industry that's trying to move forward, actually to take that next step. But I think the regulation piece, candidly, is a bigger opportunity -- that everybody is championing around this table -- so that you can actually look for opportunities to

remove duplicative regulations from the federal, state, and local level that actually drive even more efficiency. Because it's the second-largest industry in the nation, and if you can put more juice in the tank there, you can get even better results.

And I'd love to help anyway I can, but I appreciate you inviting me here today to share my story.

THE PRESIDENT: That's great. Yeah, thank you very much. Good job. Good job you're doing.

You know, we have a lot of things that we're working on. One of them is -- to build a road can take 22 years to get approvals. And we've got it way down now. We had -- we have roads where they've been going for many, many -- they've been going for decades. Elaine knows this better than anybody. And at the end of 20 years --

SECRETARY CHAO: I'm taking notes. (Laughter.)

THE PRESIDENT: Right? At the end of 20 years, you're literally -- you go for a vote, and you get turned down. So they've been trying to get an approval for 20 years, and then they get turned down, like 3-2 or something.

And we've got that process down to four and a half years. It's going to be -- I think it's going to be two years. We're going to try and get it down to almost one year. That doesn't mean a road or a highway doesn't get approved. But if they don't get approved, it goes quickly, so they get rejected quickly.

MR. DEWALT: Right.

THE PRESIDENT: But they also, mostly, will get approved quickly.

And Elaine is doing a fantastic job in bringing that down. We've had so many -- so many examples of roads that took 17, 18, 19 years to get approved. And by the time they get approved, they cost 50 times more and they have to do all sorts of turns to get out of certain areas, from an environmental standpoint, instead of being a straight and much safer road.

So we've been able to do that. And I think those people in the steel industry have been greatly helped by the tariffs, because the tariffs made the steel industry -- it's incredible what's happening -- the money that is being spent on steel today. I don't think we would have had a steel industry. If I -- if I didn't get elected, you wouldn't have a steel industry, because, ultimately, every steel mill was closing. They were dumping steel at a level that nobody has ever seen before. And they were dumping it in order to, really, destroy our steel industry so that we had to buy from them.

And now the steel industry -- if you look at what's going on, the industry is doing incredibly well. They're building a lot of extensions. They're building brand-new plants where they never -- you know this, Russell -- they never built a new plant. I mean, they hadn't built one in years, and now they're building new plants all over the country. They're expanding existing plants all over the country. And the steel industry is doing great. And it will start doing even better with what we're doing.

So it's been very exciting, especially since the economy is now even stronger than at the beginning.

And I think what I'd like to do is ask Larry Kudlow -- the great Larry Kudlow -- to say a few words. The numbers came out today -- the job numbers and --

THE VICE PRESIDENT: Mr. President?

THE PRESIDENT: Yes?

THE VICE PRESIDENT: If I may, just based on what you just said, Dana Weber is in the steel industry --

THE PRESIDENT: Okay. Let's go. I hope you back me up.

THE VICE PRESIDENT: -- and had a few things she wanted to share before --

THE PRESIDENT: I hope I get backed up here. (Laughter.)

MS. WEBER: I am absolutely going to back you up.

THE PRESIDENT: Good.

MS. WEBER: I'm going to tell you that -- first of all, you're the first President in the 40 years plus I've been in this business that's actually stood up for manufacturing. And I want to say thank you.

The tariffs and the trade policies that you have, have made a huge difference for us and a big difference. We are investing at record levels -- we have over the last three years. We are paying profit-sharing bonuses and wage increases at record levels over the last years. And we are having companies, customers come out of the woodwork that we didn't even know existed -- coming to us because -- to inquire and to buy steel from us. We made specialty steel tubing.

So you have made a tremendous difference.

THE PRESIDENT: Great, Dana. That's great.

MS. WEBER: And that's on top of all the tax relief and the regulatory burdens that I just want to -- as I said earlier, please keep doing what you're doing for at least five more years. (Laughter.)

THE PRESIDENT: Good. We love the word, "at least," -- the words. (Laughter.) They like to hear that. Thank you, Dana.

No, it's been a big difference in the steel indus- -- and many industries. But the steel industry, in particular, was -- we weren't going to have a steel industry. And that's so unacceptable, even from a defense standpoint. I mean, can you imagine if we have to -- if we need -- if we need steel and we have to go to another country to get steel? And that was what was happening. Everything was closing down -- and very unfairly and done with purpose. I mean, these people were coming in with a purpose -- a negative purpose.

So they're not too happy, but our people are very happy. And the industry is doing fantastically well. It will soon be at numbers that will be almost like the old days and maybe like the old days.

Larry Kudlow, you also had good manufacturing numbers today. I noticed 50,000 jobs or something created over a short period of time. And the previous administration said -- manufacturing -- "you'd need the magic wand." You know, we've all heard the statement. But they basically said it was a dead business, when in fact it's one of the most important sets of jobs I think you can have anywhere.

Could you give a little discussion as to what took place today when they announced the numbers early in the morning?

Mr. KUDLOW: I would be happy to. Thank you, sir. By the way, you're right; we're still running over 500,000 new

manufacturing jobs. So that's a big plus.

Just a couple of quick ones: The report today was plus-266,000 jobs for the month of November, but the prior two months were revised higher by 41,000. So actually, today's number is 307,000. After you and I spoke last night, I went back and crosschecked. And sure enough, this is the fourth-straight month of upward revisions from the prior period. And that's a leading indicator of a strong economy.

A couple of other quickies on this: 3.5 percent unemployment rate; that's near the 50-year low. Since you've been President, the average working family -- right? -- husband, wife, two kids -- after inflation, after taxes, has gone up $5,000. That's take-home pay -- $5,000. The prior two administrations were basically flat.

And then, part of this worker boom -- this American worker boom theme -- so since you've been President, the production workers are increasing their wages at a 3.7 percent annual rate. Okay? Production workers: 3.7 percent annual increase. Their managers' wages are rising 1.6.

So, the folks on the line -- the folks wearing the blue collars or whatever, the folks getting their hands dirty -- they are working so well, their wage gains are almost twice the gains of their own managers. You know what? I've never seen it before and, as you know, I've been around three or four centuries. (Laughter.)

THE PRESIDENT: Great job. You did great this morning, too.

MR. KUDLOW: Thank you.

THE PRESIDENT: A lot of shows, and really did fantastic. Well, they're easy numbers really to work with,

aren't they? Those numbers were great.

MR. KUDLOW: It's a sunny day, sir.

THE PRESIDENT: Yeah. No, it's very good. Really, very good.

Elaine, maybe you want to discuss a little bit about transportation and, in particular, the highway and the building of the highways and the roads and everything that we're working on so hard?

SECRETARY CHAO: Well, this is a President that really cares about the condition of our infrastructure. And we continue to want to work with the Congress on a bipartisan basis. You've always said that.

As a down payment to the President's proposal -- infrastructure -- the Department spends about $70 billion every single year to address, to refurbish, rehabilitate bridges, roads, highways. And so we remain very focused on our goal, as the President has wanted. He has also asked us to look at the permitting process and how important that is to, I know, several of you around this table and others, of course, who are in this business.

So, he's been a very strict taskmaster. He has asked that for every two new -- every one new regulation, we've got to withdraw at least two. And I think the whole administration has done much better. Brooke mentioned that, for every one new regulation, about 7.5 -- seven and a half regulations have been withdrawn. So, this is a tremendous, you know, lifting of the burden on people's backs -- small businesses in particular.

And I want also want to mention one other thing the President mentioned about the Safe Vehicle Act. You know, when

we have -- we all care about the environment, but when cars cost too much people, don't trade in their cars. And when that happens and people keep older cars, that’s actually unsafe.

So our new fuel economy standard will be one of this administration's biggest legacies, in terms of a deregulatory action. And it's going to introduce and improve safety on top of that, because also cars that are too light are not safe.

So, Mr. President --

THE PRESIDENT: And you're working on -- yeah.

SECRETARY CHAO: -- you've also led the way on that.

THE PRESIDENT: Thank you very much. And you're working on air traffic control?

SECRETARY CHAO: Yes, sir.

THE PRESIDENT: And that’s something that, to me, is very important -- because we have a system that's obsolete. It's ridiculous. It's a ground-based system, which nobody can even imagine because that’s a 40-year-old system. They've spent billions and billions and billions of dollars over the years trying to upgrade it when you can buy a new system -- brand-new, with the top of the line. There are basically four companies that are in that business. But you can buy a new system for less money than it costs to renovate little pieces of this old, obsolete system.

I've been in planes where the pilots don’t even want to use our system. They use another country's system to land in New York City or to land in other parts of the country, like Oklahoma. (Laughter.) But they'll use somebody else's -- they'll use somebody else's system. Air traffic control -- it’s

obsolete, and we're working on a project where we make a deal to get a great system. And we'll -- hopefully, we can meet on that soon. Maybe with your people we'll talk about it, okay?

SECRETARY CHAO: May I ask --

THE PRESIDENT: Yes, please.

SECRETARY CHAO: I have one more thing. The Vice President and you are both here. You have a tremendous interest in commercial space. And six years ago, the U.S. was way behind all other countries. In the last three -- two and a half years, under your leadership and the Vice President's leadership of the Space Council, America is once again number one in commercial space launches.

THE PRESIDENT: Yeah. Number one. Number one by far. So, we've done very well with space.

Gene Scalia, you've done a good job in that first short period of time. Right? Secretary of Labor. You want to just say what's going on? I know you called me this morning to say how great the numbers are.

SECRETARY SCALIA: Yeah. I called you this morning. I've been in this job two months. I mean, it's such a treat to be able to report these numbers --

THE PRESIDENT: What a job -- what a job he's done. (Laughter.)

SECRETARY SCALIA: Four hundred and twenty-two thousand jobs in the two months that I've been in the position. And I get to talk to the American people about these results.

And, you know, this is cause and effect, right? It's cause

and effect. The effect is unprecedented numbers. They're spectacular. And wages. I mean, that's so important. And wages at the lower level are going up more, as Larry was saying.

And the effect and the cause, we know what it is. Right? It's what we're here talking about. It's the tax cuts. It's the deregulation. And so it's cause and effect.

And I bet you, if we went around the table, apart from wanting to deal with regulations, and keep at that -- right? -- apart from that, I bet that one of the biggest things on these folks' minds right now is finding workers. That's a challenge to small business. That's how strong our economy is. When you talk to business people, one of the biggest worries they have is finding workers.

And so, we heard -- Michael was talking a little about helping with reentry. Barb, you were talking about apprenticeships. Those are things that, Mr. President, you're focusing on, and the Vice President, too. So we're addressing that, but I mention it just to show how strong the economy is right now. And you know -- and again, that's the effect of the things that you've been causing through these policies.

THE PRESIDENT: Great job. Great job.

So thank you very much, everybody. Very successful period of time for our country. The most successful probably in the history of our country. We've never done anything like that. We've never had these unemployment numbers or employment numbers. And we're very happy about it. A lot of hard work.

Thank you very much, everybody. Thank you.

Q Mr. President, what can you tell us about the shooter in the Pensacola incident?

THE PRESIDENT: Well, that's all being studied now. We'll have a full report on it very shortly.

Q Is this -- could this be considered a terrorism act?

THE PRESIDENT: We're not going to report on that yet, but we'll be talking about it very soon. It could -- we have a lot of great people looking at it and interviewing people in depth. And it'll be a report, and the report will come out very soon.

Thank you all very much. Thank you.

Q How do you plan to respond to Jerry Nadler's invitation? Jerry Nadler's invitation?

THE PRESIDENT: Thank you very much.

Q What's your thinking about the tariffs, Mr. President?

Q (Inaudible) five o'clock? Five o'clock?

THE PRESIDENT: Could be. Could be.

Q Jerry Nadler's invitation?

THE PRESIDENT: Thank you.

END 2:56 P.M. EST

Unsubscribe

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Message

From: Jackson, Ryan [jackson.ryan@epa.gov]
Sent: 12/6/2019 9:03:44 PM
To: Ex. 6 - Administrator Wheeler
Subject: FW: Here's the full Pres Trump quote on water

FYI.

From: Ross, David P <ross.davidp@epa.gov>
Sent: Friday, December 6, 2019 3:51 PM
To: Abboud, Michael <abboud.michael@epa.gov>
Cc: Jackson, Ryan <jackson.ryan@epa.gov>; Wildeman, Anna <wildeman.anna@epa.gov>; Kramer, Jessica L. <kramer.jessical@epa.gov>; Forsgren, Lee <Forsgren.Lee@epa.gov>; Woods, Andrea <Woods.Andrea@epa.gov>; Block, Molly <block.molly@epa.gov>; Johnson, Taylor <Johnson.Taylor.C@epa.gov>; McFaul, Jessica <mcfaul.jessica@epa.gov>; Schiermeyer, Corry <schiermeyer.corry@epa.gov>
Subject: Re: Here's the full Pres Trump quote on water

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP) Our Watersense program sits on top of those standards. It is a voluntary program, but was signed into law as an official EPA program by the President late last year.....

Lee is running point on this and has my proxy.

Sent from my iPhone

On Dec 6, 2019, at 2:40 PM, Abboud, Michael <abboud.michael@epa.gov> wrote:

Ex. 5 Deliberative Process (DP)

From: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Sent: Friday, December 6, 2019 3:35 PM
To: Abboud, Michael <abboud.michael@epa.gov>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Here's the full Pres Trump quote on water

Hi Mike
This is the quote. Does EPA have a comment about what he is getting at?
Thanks, Tim

"We have a situation where we're looking very strongly at sinks and showers and other elements of bathrooms, where you turn the faucet on in areas where there's tremendous amounts of water, where the water rushes out to sea because you could never handle it, and you don't get any water. You turn on the faucet, you don't get any water. They take a shower and water comes dripping out. It's dripping out, very quietly dripping out. People are flushing toilets 10 times, 15 times, as opposed to once. They end up using more water. So EPA is looking at that very strongly at my suggestion. You go into a new building or a new house or a new home, and they have standards ... where you don't get water. You can't watch your hands practically, there's so little water comes

out of the faucet. And the end result is you leave the faucet on and it takes you much longer to wash your hands. You end up using the same amount of water. So we're looking very seriously at opening up the standard. And there may be some areas where we'll go the other route - desert areas - but for the most part, you have many states where they have so much water that it comes down. It's called rain. They don't know what to do with it. So we're going to be opening up that, I believe, and we're looking at changing the standards very soon. And that's a little bit like the lightbulb, where you get a bulb that's better for much less money. We go back, but you have the other alternative. And you'll keep the other alternative with sinks and showers, et cetera, too. But that's been a big problem."

From: Abboud, Michael <abboud.michael@epa.gov>
Sent: Friday, December 6, 2019 2:52 PM
To: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Re: Clarification on President Trump saying EPA looking at water standards at his direction?

Can you send us a link to the article?

Sent from my iPhone

> On Dec 6, 2019, at 2:45 PM, Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com> wrote:
>
> Hi – We just ran the below headline from a President Trump media opportunity where he talked about EPA considering changing water standards at his direction.
> Wonder if you might have any clarification about what he what mentioning.
>
> Many thanks, Tim
>
> TRUMP SAYS U.S. EPA IS LOOKING AT CHANGING WATER STANDARDS AT HIS DIRECTION
>
> Best,
>
> Timothy Gardner
> Reuters
>
> +1 202 898-8360 (desk)
> **Ex. 6 Personal Privacy (PP)**

Message

From: Blette.Veronica@epa.gov [Blette.Veronica@epa.gov]
Sent: 12/7/2019 2:19:31 AM
To: Stein, Raffael [Stein.Raffael@epa.gov]
Subject: Re: Tweet by Kyle Griffin on Twitter

Cooper? Found it on Twitter. **Ex. 6 Personal Privacy (PP)**

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

On Dec 6, 2019, at 8:53 PM, Stein, Raffael <Stein.Raffael@epa.gov> wrote:

Check out CNN now!

Sent from my iPhone

On Dec 6, 2019, at 5:03 PM, Blette, Veronica <Blette.Veronica@epa.gov> wrote:

I can't even.

Kyle Griffin
(@kylegriffin1)

12/6/19, 3:55 PM
Here's the video, via WaPo, of Trump discussing toilet flushing: "We have a situation where we're look very strongly at sinks and showers, and other elements of bathrooms ... You turn on the faucet and you get any water … People are flushing toilets 10 times, 15 times." pic.twitter.com/pPE0im4RxL

Download the Twitter app

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

Message

From: Blette.Veronica@epa.gov [Blette.Veronica@epa.gov]
Sent: 12/7/2019 2:04:00 AM
To: Stein, Raffael [Stein.Raffael@epa.gov]
Subject: Re: Tweet by Kyle Griffin on Twitter

No cable.

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

On Dec 6, 2019, at 8:53 PM, Stein, Raffael <Stein.Raffael@epa.gov> wrote:

Check out CNN now!

Sent from my iPhone

On Dec 6, 2019, at 5:03 PM, Blette, Veronica <Blette.Veronica@epa.gov> wrote:

Ex. 6 Personal Privacy (PP)

Kyle Griffin (@kylegriffin1)

12/6/19, 3:55 PM
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Download the Twitter app

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

Message

Sent: 12/13/2019 3:20:48 PM
To: Erica Brown [brown@amwa.net]
Subject: articles about toilet issue

Here are a couple that came

http://nymag.com/intelligencer/2019/12/president-trump-is-wrong-toilets-are-good-now.html

https://www.vox.com/policy-and-politics/2019/12/7/21000314/trump-toilet-10-15-times-epa-rules

https://www.allianceforwaterefficiency.org/news/are-our-water-efficiency-standards-jeopardy

https://cei.org/blog/trump-cant-do-much-about-toilets-can-stop-other-anti-homeowner-regulations

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

Message

Sent: 12/10/2019 10:53:12 PM
To: Sawyers, Andrew [Sawyers.Andrew@epa.gov]; Stein, Raffael [stein.raffael@epa.gov]; Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Stephanie Tanner [Tanner.Stephanie@epa.gov]
CC: Beth Livingston (Livingston.Beth@epa.gov) [Livingston.Beth@epa.gov]; Jonah Schein [Schein.Jonah@epa.gov]
Subject: WaterSense and consumer satisfaction
Attachments: Assessing Product Performance Roll Out Plan.docx

Here is a draft plan – please review and let's discuss Wednesday before sending to Lee or externally.

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

Message

Sent: 12/9/2019 10:53:59 PM
To: Sawyers, Andrew [Sawyers.Andrew@epa.gov]; Stein, Raffael [stein.raffael@epa.gov]; Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Stephanie Tanner [Tanner.Stephanie@epa.gov]

https://cei.org/blog/trump-cant-do-much-about-toilets-can-stop-other-anti-homeowner-regulations

****

Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

Message

From: Blette.Veronica@epa.gov [Blette.Veronica@epa.gov]
Sent: 12/9/2019 7:50:08 PM
To: Livingston, Beth [Livingston.Beth@epa.gov]; Schein, Jonah [Schein.Jonah@epa.gov]
Subject: Re: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Perfect. Thank you.

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

On Dec 9, 2019, at 2:28 PM, Livingston, Beth <Livingston.Beth@epa.gov> wrote:

Mary – See below.

Beth

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

Ex. 5 Deliberative Process (DP)

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

Ex. 5 Deliberative Process (DP)

From: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Sent: Monday, December 09, 2019 12:06 PM
To: Blette, Veronica <Blette.Veronica@epa.gov>; Livingston, Beth <Livingston.Beth@epa.gov>
Subject: FW: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Hi Veronica,
Please see below. Note, they want a response by 2pm.

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Mobile: Ex. 6 Personal Privacy
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Fuld, John <Fuld.John@epa.gov>
Sent: Monday, December 09, 2019 12:03 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary,

Sorry for the rush ...

<!--[if !vml]-->
<image004.png>
<!--[endif]-->**Office of Water**
Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
fuld.john@epa.gov

DATE: December 9, 2019

OUTLET: CBS Money Watch

REPORTER: Rachel Layne

TOPIC: Toilet Flushes

DEADLINE: 2 pm TODAY 12 -9

OPA CONTACT: Angela Hackel

PROGRAM CONTACT: Mary Schollhamer

OW PROGRAM OFFICE: OWM

PERTINENT INFORMATION:

I'm a reporter writing a story for CBS MoneyWatch on how much each flush typically costs the consumer given President Trump's remarks on Friday.

I see this WaterSense pamphlet from 2017 outlining products and water use, but wondering if there's anything more recent and with estimated costs.

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

ANSWERS:

****
*****

Source Information:
Highlight any source information you have recently used or has been approved before at the program level.
INFORMATION PUBLICLY AVAILABLE: (*LIST SOURCE WITH EACH ANSWER)*
Web-link or source material.
****
*****

John W. Fuld, Ph.D.
U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
Ex. 6 Personal Privacy (PP)
fuld.john@epa.gov
nobilis princeps
<image005.png>

Message

To: Schollhamer, Mary [Schollhamer.Mary@epa.gov]; Livingston, Beth [Livingston.Beth@epa.gov]; Jonah Schein [Schein.Jonah@epa.gov]
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

Ex. 5 Deliberative Process (DP)

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

From: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Sent: Monday, December 9, 2019 12:06 PM
To: Blette, Veronica <Blette.Veronica@epa.gov>; Livingston, Beth <Livingston.Beth@epa.gov>
Subject: FW: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Hi Veronica,
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Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Fuld, John <Fuld.John@epa.gov>
Sent: Monday, December 09, 2019 12:03 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary,

Sorry for the rush ...

Office of Water Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
fuld.john@epa.gov

DATE: December 9, 2019

OUTLET: CBS Money Watch

REPORTER: Rachel Layne

TOPIC: Toilet Flushes

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ANSWERS:

****

Source Information:

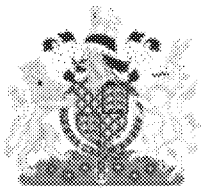
Highlight any source information you have recently used or has been approved before at the program level.

INFORMATION PUBLICLY AVAILABLE: (*LIST SOURCE WITH EACH ANSWER)*

Web-link or source material.

****

John W. Fuld, Ph.D.
U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
Ex. 6 Personal Privacy (PP)
fuld.john@epa.gov
nobilis princeps



Message

From: Tanner, Stephanie [Tanner.Stephanie@epa.gov]
Sent: 12/9/2019 3:35:11 PM
To: Sawyers, Andrew [Sawyers.Andrew@epa.gov]; Stein, Raffael [Stein.Raffael@epa.gov]; Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Miller, Wynne [Miller.Wynne@epa.gov]; Blette, Veronica [Blette.Veronica@epa.gov]
CC: Farris, Erika D. [Farris.Erika@epa.gov]; Sylvester, Francis [Sylvester.Francis@epa.gov]
Subject: RE: December 6 -- E&E News PM is ready

I am working from home today and am available anytime.

From: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Sent: Monday, December 9, 2019 8:28 AM
To: Stein, Raffael <Stein.Raffael@epa.gov>; Gueriguian, Leo <Gueriguian.Leo@epa.gov>; Miller, Wynne <Miller.Wynne@epa.gov>; Blette, Veronica <Blette.Veronica@epa.gov>; Tanner, Stephanie <Tanner.Stephanie@epa.gov>
Cc: Farris, Erika D. <Farris.Erika@epa.gov>; Sylvester, Francis <Sylvester.Francis@epa.gov>
Subject: FW: December 6 -- E&E News PM is ready

FYI – let's talk this morning – thanks.

From: Risley, David <Risley.David@epa.gov>
Sent: Monday, December 09, 2019 7:54 AM
To: Ross, David P <ross.davidp@epa.gov>; Forsgren, Lee <Forsgren.Lee@epa.gov>; Sawyers, Andrew <Sawyers.Andrew@epa.gov>; Mclain, Jennifer <Mclain.Jennifer@epa.gov>; Bertrand, Charlotte <Bertrand.Charlotte@epa.gov>
Cc: Dennis, Allison <Dennis.Allison@epa.gov>; Wadlington, Christina <Wadlington.Christina@epa.gov>; Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: RE: December 6 -- E&E News PM is ready

WHITE HOUSE

Trump complains about low-flow toilets

Kelsey Brugger and Lesley Clark, E&E News reporters Published: Friday, December 6, 2019

President Trump today complained that Americans have to flush the toilet multiple times and directed EPA to look at "opening up" water standards.

"People are flushing toilets 10 times, 15 times, as opposed to once," he said at the White House at an event on his deregulatory agenda. "They end up using more water."

His comments, which went viral on Twitter, veered from bashing energy efficiency rules of toilets, lightbulbs, showerheads and cars.

The government for decades has required that a variety of household products follow energy-saving standards, an issue that had long enjoyed bipartisan support.

Trump has in recent months expressed disdain for lightbulbs at a time when his administration repealed Obama-era rules. The toilet-flushing complaints seemed to be new.

"We're looking very strongly at sinks and showers and other elements of bathrooms. Where you turn the faucet on, in areas where there's tremendous amounts of water, where water rushes out to sea because you could never handle it, you don't get any water — you turn on that faucet, you don't get any water," he said.

"They take a shower, the water is dripping out, very quietly dripping out," the president said.

Trump insisted that at his suggestion EPA was looking "very strongly" at "opening up the standard."

By the White House's numbers, Trump has cut regulatory costs by more than $50 billion from nearly 400 actions at two dozen agencies. That translates to 7 ½ rollbacks for every new regulation.

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"We can make cars much less expensive, much better and much stronger and about the same from an environmental standpoint, very close," he said.

"Our cars are much safer, they're much cheaper, they're much better, the reason they are safer is because they can be heavy. Because right now the cars are made out of papier-mache. We allow steel content."

Trump said the car companies that are siding with the California standards are the ones "that want to be politically correct."

From: Dennis, Allison <Dennis.Allison@epa.gov>
Sent: Sunday, December 08, 2019 11:00 PM
To: Risley, David <Risley.David@epa.gov>
Subject: Fwd: December 6 -- E&E News PM is ready

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E&E NEWS PM — Fri., December 6, 2019

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Trump complains about low-flow toilets

President Trump today complained that Americans have to flush the toilet multiple times and directed EPA to look at "opening up" water standards.

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Carper slams senior House Dems, Republicans for PFAS flop

3. LAW:
DOJ urges overhaul for Administrative Procedure Act

4. CLEAN WATER ACT:
White House starts reviewing WOTUS rewrite

5. AIR POLLUTION:
EPA inches forward on new standards for cancer-causing gas

6. WILD HORSES:
Trump admin to test mare birth control vaccine

7. CLIMATE:
Kyra Sedgwick, Taylor Schilling, Maura Tierney protest

UPCOMING HEARINGS AND MARKUPS

8. CALENDAR:
Activity for December 2 - December 8, 2019

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Sent: 12/6/2019 10:58:35 PM
To: Blette, Veronica [Blette.Veronica@epa.gov]
Subject: What?
Attachments: ATT00001.txt

10 to 15 times?
https://www.eenews.net/eenewspm/2019/12/06/stories/1061742069

WHITE HOUSE

Trump complains about low-flow toilets

Kelsey Brugger and Lesley Clark, E&E News reporters Published: Friday, December 6, 2019

President Trump. Joyce N. Boghosian/White House/Flickr

President Trump today complained that Americans have to flush the toilet multiple times and directed EPA to look at "opening up" water standards.

"People are flushing toilets 10 times, 15 times, as opposed to once," he said at the White House at an event on his deregulatory agenda. "They end up using more water."

His comments, which went viral on Twitter, veered from bashing energy efficiency rules of toilets, lightbulbs, showerheads and cars.

The government for decades has required that a variety of household products follow energy-saving standards, an issue that had long enjoyed bipartisan support.

Trump has in recent months expressed disdain for lightbulbs at a time when his administration repealed Obama-era rules. The toilet-flushing complaints seemed to be new.

"We're looking very strongly at sinks and showers and other elements of bathrooms. Where you turn the faucet on, in areas where there's tremendous amounts of water, where water rushes out to sea because you could never handle it, you don't get any water — you turn on that faucet, you don't get any water," he said.

"They take a shower, the water is dripping out, very quietly dripping out," the president said.

Trump insisted that at his suggestion EPA was looking "very strongly" at "opening up the standard."

By the White House's numbers, Trump has cut regulatory costs by more than $50 billion from nearly 400 actions at two dozen agencies. That translates to 7 ½ rollbacks for every new regulation.

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He continued that the administration is at odds with California, saying the state, in order "to save a tiny amount of fuel, of which we have plenty," has enacted tougher emissions standards on cars.

"We can make cars much less expensive, much better and much stronger and about the same from an environmental standpoint, very close," he said.

"Our cars are much safer, they're much cheaper, they're much better, the reason they are safer is because they can be heavy. Because right now the cars are made out of papier-mache. We allow steel content."

Trump said the car companies that are siding with the California standards are the ones "that want to be politically correct."

Message

From: Livingston, Beth [Livingston.Beth@epa.gov]
Sent: 12/12/2019 6:27:54 PM
To: Blette, Veronica [Blette.Veronica@epa.gov]; Tanner, Stephanie [Tanner.Stephanie@epa.gov]; Schein, Jonah [Schein.Jonah@epa.gov]
Subject: FW: PMI Washington Update: President Trump Comments on Review of Water-Efficiency Standards for Plumbing Products

FYI
Just in case you've not seen this.
Beth

From: Plumbing Manufacturers International <kstackpole@safeplumbing.ccsend.com> **On Behalf Of** Plumbing Manufacturers International
Sent: Wednesday, December 11, 2019 4:11 PM
To: Michael Martinez <Michael.Martinez@deltafaucet.com>
Subject: PMI Washington Update: President Trump Comments on Review of Water-Efficiency Standards for Plumbing Products

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PLUMBING MANUFACTURERS INTERNATIONAL

President Trump Comments on Review of Water Efficiency Standards for Plumbing Products

During a small business meeting on reducing red tape at the White House on Friday, December 6, President Donald Trump said the U.S. Environmental Protection Agency (EPA) was undertaking a review of water-efficiency standards governing bathroom plumbing products.

Trump noted that "[W]e have a situation where we're looking very strongly at sinks and showers and other elements of bathrooms...People are flushing toilets 10 times, 15 times, as opposed to once," Trump said. "You turn the faucet on in areas where there's tremendous amounts of water ... and you don't get any water," he said. EPA spokesman Michael Abboud said the agency is working with other federal government departments, so consumers have more choices in water products.

Over the years, there has been opposition from some organizations to the government's mandating flow rates for toilets and other plumbing fixtures per the 1992 law setting minimum federal standards, as well as opposition to the EPA WaterSense program, which oversees the water-efficiency labeling program for plumbing products that are 20% more efficient than the federal standards. For the past three years, the President's budget to Congress has called for the elimination of EPA's WaterSense program.

PMI and other allied groups worked with Congress to preserve WaterSense and to formally authorize the program in late 2018, when the President signed that language into law. This law, America's Water Infrastructure Act, requires the EPA to review any WaterSense specifications issued prior to 2012 and issue a report on the need for any updates by December 31, 2019. The WaterSense staff have spent the past year developing that report, including hosting several conference calls and accepting public comments. PMI and its members have been active in that process and provided detailed comments. The report has not yet been released.

PMI Outreach: Over the past few days, PMI has been in contact with several key agency officials within the EPA Office of Water, as well as the Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE). During our conversations, we have gathered additional background information, emphasized our willingness to meet face-to-face for further dialogue with these top officials, and to serve as a resource. We learned that several weeks ago the White House reached out to both EPA and DOE about the President's concern as a builder that certain state and local codes/standards have required his company to purchase water-saving plumbing products that he believes do not provide a satisfactory experience.

During our conversations, PMI highlighted some of the following key points:

- The continual **investment in R&D and innovation** over the past 25 years by plumbing manufacturers, which have improved performance-based, water-efficient plumbing products;
- Plumbing manufacturers produce a **wide array of water-saving plumbing products** (from the federal minimum standard to WaterSense products) that allow consumers to choose the products that best meet their needs and values;
- Plumbing manufacturers participate in WaterSense because it is a **performance-based** program with **third-party certification**; and,
- Plumbing manufacturers have developed more than 30,000 models of WaterSense-labeled products for bathrooms (toilets, showerheads, faucets, and urinals).

What's Next at EPA? EPA is in the midst of internal discussions about what steps they plan to take to address the President's concerns with "low flow" products. It our understanding that they are considering issuing some type of formal notice to obtain public comments on the WaterSense program and perhaps flow rates in general. The parameters of that notice have not been determined but may include questions about how WaterSense specifications are developed, as well as seeking input on consumer satisfaction surrounding water-efficient plumbing products. PMI will be actively involved in this stakeholder process.

PMI is also sending letters to the EPA Administrator and DOE Secretary requesting a meeting to further educate them about the success of our industry in addressing both water efficiency and consumer satisfaction. Tune in to PMI's monthly advocacy call on Friday, December 13, at 10 AM CT, when we will be sharing additional updates.

Here is the link to the transcript from the Friday, December 6, roundtable meeting at the White House. In the meantime, if you have any questions, please contact Stephanie Salmon, PMI Washington representative, ssalmondc@gmail.com or Kerry Stackpole, PMI CEO/Executive Director, kstackpole@safeplumbing.org

Plumbing Manufacturers International, 1750 Tysons Blvd.,
Ste. 1500, McLean, VA 22102

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Message

From: Whitney, Janice [Whitney.Janice@epa.gov]
Sent: 12/17/2019 3:13:03 PM
To: Blette, Veronica [Blette.Veronica@epa.gov]
Subject: WaterSense article

WATER POLICY

Trump's potty talk highlights flushing fight

https://www.eenews.net/greenwire/2019/12/13/stories/1061801903

Ariel Wittenberg, E&E News reporter Published: Friday, December 13, 2019

President Trump's complaints last week about low-flow toilets went viral on Twitter. PxHere

Correction appended.

When it comes to testing toilets, it turns out the appropriate substitute for human feces is miso paste. That's what EPA uses to ensure that commodes earning its WaterSense efficiency label flush effectively.

To earn the label, tank-type toilets currently must use 1.28 gallons or less of water per flush while eliminating 350 grams of miso paste, along with toilet paper.

That may be news to President Trump, who last week complained that low-flow toilets were not getting the job done, so "people are flushing toilets 10 times, 15 times, as opposed to once."

"They end up using more water," he said, before suggesting that EPA is looking "very strongly" at "opening up the standard."

Exactly what the president meant is unclear. But his comments do highlight an ongoing debate between municipalities and the plumbing industry over whether WaterSense should tighten its criteria to ensure more human waste goes with the flow.

WaterSense is not a regulatory program but rather a voluntary labeling initiative meant to aid consumers looking for options. Federally mandated maximum volumes of 1.6 gallons per flush were codified by Congress in 1992, and the Department of Energy is responsible for those regulations.

EPA spokesman Michael Abboud said the agency is working with "all federal partners" to review how programs under the federal energy management plan interact "to ensure American consumers have more choice when purchasing water products."

The WaterSense program this year studied whether to reopen its standards for toilets, along with faucets, showerheads, flushing urinals and weather-based irrigation controllers, after Congress asked for reevaluation of specifications set prior to 2012.

The miso paste 'performance score'

The agency will decide which standards — if any — to reconsider by the end of the year, and the effort has sparked some debate over what a flush should be able to accomplish.

While federally mandated water efficiency standards don't take flush success into account, EPA's WaterSense program, meant to help consumers make decisions, does.

WaterSense's lead engineer, Stephanie Tanner, explained in a webinar this spring that the program's label is meant to help consumers interested in water efficient products find those that perform well and take the plunge.

"The people we are targeting are early-ish adopters, but not the earliest adopters," she said. "They are looking to make a change in their products or looking for efficiency or better performance but aren't quite sure how to do that, and we use the label to help them identify the product they are interested in and make that positive choice in the marketplace."

In other words, no one wants a toilet that uses so little water it needs to be flushed multiple times.

Enter the miso paste "performance score." The traditional Japanese seasoning, described by WaterSense documents as "a test media having similar physical properties to human waste," is actually the industry-accepted stand-in for feces. It was selected after years of trying other options that once included pingpong balls, said Ed Osann, director of national water use efficiency at the Natural Resources Defense Council.

Already, there are a number of WaterSense-labeled products on the market that exceed its 350-gram clearance requirement. Of the 3,400 toilet models that have

earned the label, nearly two-thirds can clear 600 grams or greater, and more than half of those achieved the "maximum allowable score of 1,000 grams."

Because of this, some water utilities are asking EPA to make the criteria more selective, arguing that doing so will ensure the program doesn't become obsolete.

Georgia is one of six states that already require toilets to use less water than WaterSense. The standard there is 1.28 gallons per flush, and the water utility serving greater Atlanta wants EPA to lower WaterSense specifications to 1.1 gallons or less.

The Metropolitan North Georgia Water Planning District said it's seen a small but growing percentage of customers using toilets that achieve that level of water efficiency, and some that use as little as 0.8 gallon per flush.

"Based on customer calls that come into the district's toilet rebate call center, we generally hear positive feedback and extremely few complaints from customers," the utility wrote EPA this spring. "To reduce even these few complaints, we support revising the performance criteria to require tank-type toilets to clear a larger quantity of waste and/or toilet paper."

What's in a flush?

But Plumbing Manufacturers International opposes that idea and says waste elimination is not the No. 1 reason people flush more than once. It's actually No. 2.

That's according to a 1999 customer survey done by the Metropolitan Water District of Southern California that examined "the root causes of double flushing."

Clearing "bulk waste" was only a factor 21% of the time. The leading cause of extra flushes, coming in at 47%, was "bowl cleanliness."

"Any requirement above 350 grams does not necessarily make the extraction of solid waste more efficient or effective, but instead may encourage manufacturers to focus unduly on waste extraction," the trade group wrote EPA this spring.

Bowl cleanliness and "light waste" removal require "fluid dynamic design considerations" on commodes, PMI wrote, meaning "increasing the gram requirement could result in products that are less effective in meeting consumer needs, not more effective."

Stan Meiburg, who served at EPA for 39 years, most recently as acting deputy administrator, noted that municipalities stand to gain a lot from more effective, efficient toilets because saving water saves energy.

WaterSense has saved 2.7 trillion gallons of water since 2006, which translates into $63 billion in consumer savings on water and energy bills, according to EPA.

Plumbing manufacturers, on the other hand, might have to completely redesign their products to achieve WaterSense's goals.

"If you just use a toilet that's originally designed at 7 gallons and try to make it work on 1.6, sure it won't work as well," Meiburg said. "But when you redesign the toilets and the trap ways and the flush valve where the water leaves the tank, you redesign it to work better on less water, and it does."

Osann, at NRDC, said that while he's sympathetic to the logic that "there are many reasons people flush more than once," the plumbing industry is likely just trying to maintain the status quo.

He praised the industry for making so many strides since the 1990s and said the progress is one reason "the president's comments last week just don't ring true."

"If you think about it, the bowl brush and the plunger were invented long before the 1.28-gallon toilet," he said.

***Correction**: An earlier version of this article listed the Georgia standard as 1.2 gallons per flush. It's 1.28 gallons per flush.*

Janice Whitney, Esq.
Sustainability Advisor
U.S. EPA Region 2, Clean Water Division
290 Broadway, 24th Floor
New York, New York 10007
(212) 637-3790

Message

From: Tanner, Stephanie [Tanner.Stephanie@epa.gov]
Sent: 12/17/2019 2:47:44 PM
To: Blette, Veronica [Blette.Veronica@epa.gov]
Subject: Completion of AWIA Review Document
Attachments: Draft_WS Spec Review Decision Report_Public Webpage Updates_112119 - for EPA.docx; Final_WS Product Specification Review Decision Report_121719.pdf; Final_WS Product Specification Review Decision Report_121719_for PDF.docx; Spec Review Decision Report Release_Stakeholder Email_112119 - for EPA.docx

Importance: High

Veronica, Ex. 5 Deliberative Process (DP)
Ex. 5 Deliberative Process (DP)
Ex. 5 Deliberative Process (DP). All the materials generated under this review have been posted including comments from stakeholders, meeting summaries, presentations and webinar recordings.

Please let me know if you have any questions.

~Regards~

Stephanie Tanner, CEM, LEED AP BD+C
Lead Engineer
WaterSense Program
Environmental Protection Agency
202-564-2660

"Yet it is not our part to muster all the tides of the world. But to do what is in us for the succor of those years wherein we are set. Uprooting the evil in the fields that we know. So that those who live after will have clean earth to till. What weather they shall have is not ours to rule."
~Gandalf the Grey~
Return of the King by JRR Tolkien

Message

From: Livingston, Beth [Livingston.Beth@epa.gov]
Sent: 12/10/2019 3:00:41 PM
To: Blette, Veronica [Blette.Veronica@epa.gov]
Subject: FW: WaterSense politics

FYI in case...

From: Kathleen Brady <Kathleen.Brady@erg.com>
Sent: Tuesday, December 10, 2019 9:53 AM
To: Livingston, Beth <Livingston.Beth@epa.gov>
Subject: FW: WaterSense politics

Assume you've seen this, which includes comments from PMI and others that we submitted as part of the review process.

From: Paul Buellesbach <Paul.Buellesbach@erg.com>
Sent: Tuesday, December 10, 2019 7:41 AM
To: Kathleen Brady <Kathleen.Brady@erg.com>; Kim Wagoner <Kim.Wagoner@erg.com>; Roy Sieber <Roy.Sieber@erg.com>
Subject: WaterSense politics

Despite Trump Complaints, EPA Water Efficiency Standards Win Support
December 9, 2019
Despite President Donald Trump's recent complaints about EPA water efficiency standards for bathroom fixtures, plumbing manufacturers, local water districts and environmentalists earlier this year strongly backed the agency's voluntary WaterSense program and urged a steady course or, in some cases, more stringent standards.

In their comments, several local water districts and environmentalists urged EPA to strengthen some of the standards to ensure the WaterSense label continues to show a meaningful mark of significant water efficiency.

WaterSense performance criteria should be strengthened, the Contra Costa, CA, Water District said in May 20 comments, saying "there are plenty of quality products that achieve much higher performance than others. WaterSense should set the high performance and high efficiency products apart from the rest."

While some plumbing product manufacturers raised concerns about low-flow technologies resulting in disease outbreaks, they generally urged EPA to maintain current standards.

During a small business roundtable Dec. 6, Trump said low-flow fixtures are resulting in "people are flushing toilets 10 times, 15 times as opposed to once" and that sinks and showers have water only coming out in a trickle, requiring people to use even more water than they did previously.

He said he had instructed EPA to look into changing the standards. "So we're looking at, very seriously, at opening up the standard. And there may be some areas where we'll go the other route -- desert areas. But for the most part, you have many states where they have so much water that it comes down -- it's called rain -- (laughter) -- that they don't know -- they don't know what to do with it," he said.

It is unclear what action Trump has ordered EPA to take. But Congress in 2018, as part of a first-time authorization of the voluntary WaterSense program that was included in the America's Water Infrastructure Act, directed EPA to conduct by

the end of this year a comprehensive review of product specifications adopted before 2012. These include tank-type toilets, flushing urinals, lavatory faucets, showerheads and weather-based irrigation controllers.

The agency earlier this year met with stakeholders to seek feedback on whether the standards should be revised and the factors EPA should consider in making that decision beyond those outlined in program guidance. EPA has never made a major revision to a product specification, issuing only slight modifications or clarifications, although in 2014 it revised the WaterSense Professional Certification Program Labeling System for irrigation professionals.

EPA has said it intends to evaluate a variety of factors as it considers the specifications for review and revision. These factors may include additional water savings potential, continued applicability or availability of efficiency and performance test methods and criteria, availability of more efficient products in the marketplace, potential for specification scope expansion, and/or unintended impacts of further flow reductions on the systems in which the products may be installed.

The voluntary WaterSense program allows products that meet the WaterSense specifications and are verified by independent, third-party certification to use the WaterSense label. These products are 20 percent more water-efficient than average products in that category and perform as well or better than their less-efficient counterparts, EPA says.

EPA says that through the end of 2018, WaterSense has helped Americans save a cumulative 3.4 trillion gallons of water and more than $84.2 billion in water and energy bills. Additionally, the use of WaterSense labeled products saved 462.5 billion kilowatt-hours of electricity, EPA says.

State Laws

In a series of comments to EPA earlier this year, various stakeholders express their support for the current WaterSense standards.

Plumbing Manufacturers International (PMI) in March 14 comments says it "supports the current EPA WaterSense® Specifications for Tank-Type Toilets, High-Efficiency Lavatory Faucets, Flushing Urinals and Showerheads and recommends that no changes be made at this time."

Among the reasons PMI gives for keeping the current specifications are concerns that low-flow plumbing fixtures have resulted in waterborne disease outbreaks and other water quality problems in building plumbing fixtures. PMI asks the agency to wait until the results of EPA-funded studies exploring these issues are completed before revising the specifications.

Additionally, PMI notes that several states and municipalities, including. Colorado, Georgia, New York, Oregon, Texas, and Vermont have adopted EPA WaterSense requirements. "The further lowering of water consumption levels for tank-type toilets, lavatory faucets, urinals and showerheads would significantly impact current laws," PMI says.

In June 3 comments, PMI explains that it is "very much opposed" to increasing waste extraction requirements for tank-type toilets, saying that it would not necessarily make the extraction of solid waste more efficient or effective and could encourage manufacturers to focus unduly on that aspect rather than, for example, bowl cleanliness.

PMI says a 1999 study by the Metropolitan Water District of Southern California found that bowl cleanliness, rather than actual waste removal, was the number one cause of double flushing.

Denver Water in March 18 comments notes that many markets have shifted to a 1.28 gallons per flush (gpf) baseline for tank-type toilets and that California has moved to 1.8 gallons per minute (gpm) as a standard for showerheads, suggesting WaterSense should consider similar changes.

But the water utility also echoes some of PMI's concerns about the effects of less water usage on public health. "Lower water use could cause aging of water in service lines and potential drainline carry issues in older plumbing -- could be

part of new home criteria. The occurrence of pathogens in premise plumbing (e.g., Legionella) has become a high visibility topic and lower water use combined with the potential of using alternative water sources may exacerbate this concern," the utility says.

Waste Removal

But other commenters urge EPA to consider waste removal changes as well as reducing the amount of water used. The Metropolitan North Georgia Water Planning District in March 15 comments says EPA should consider revising the specification for tank-type toilets to require both better performance in terms of waste clearance and a flush volume of 1.1 gpf "provided WaterSense satisfactorily analyzes and address any potential adverse impacts on solids transport, water age in the distribution systems, and corrosion in sewer collection systems."

The current specification, originally released in 2007 and slightly revised in 2014, is a flush volume no greater than 1.28 gpf. Since 2012, the Georgia State Minimum Standard Plumbing Code has required that all new toilets must use 1.28 gpf or less and be WaterSense labeled.

"Based on the customer calls that come into the District's toilet rebate call center, we generally hear positive feedback and extremely few complaints from customers. To reduce even these few complaints, we support revising the performance criteria to require tank-type toilets to clear a larger quantity of waste and/or toilet paper," the district says.

The district also recommends more stringent specifications for lavatory faucets, showerheads and flushing urinals. EPA should require a flow rate of 1.0 gpm for lavatory faucets, compared to the current standard of 1.5 gpm, and set a new specification for kitchen faucets of 1.5 gpm; lower the showerhead specification from 2.0 gpm to 1.8 gpm; and require a rate of 0.125 gpf or less for wall-mounted urinals compared the current specification of 0.5 gpf.

The district says many showerheads on the market today use 2.0 gpm or less and a significant portion have a maximum flow rate of 1.8 gpm or less. "Products using 2.0 gpm as required by the current WaterSense specification could be considered mid-range in terms of their efficiency. To continue pushing innovation and efficiency forward, WaterSense should consider revising this standard to 1.8 gpm or less. There are products already available in the marketplace at a wide variety of price points using 1.8 gpm or less."

Edward Osann, director of national water use efficiency at the Natural Resources Defense Council, also calls for more stringent standards, noting the numerous states and localities that require the use of WaterSense products.

"Taken together, jurisdictions comprising over 35% of the US population now apply these requirements to all products installed in new construction or simply all products sold or installed in their state," Osann says in June 30 comments.

"Manufacturers have responded, and the market share of new sales held by WaterSense labeled products in some of these categories is thought to approach 90%. (This is information that is currently known to EPA, provided by WaterSense industry partners, but not publicly released.)," he continues.

"In light of these trends, maintaining current specification levels carries significant risk that the WaterSense label will lose its ability to differentiate product performance in the marketplace, and simply devolve to a colorful logo without substantive meaning for consumers," he adds.

Osann, in a Dec. 6 statement, questioned what triggered Trump's "outburst," noting that federal toilet efficiency ruling have not changed since 1994. "The water-efficient toilets of today work great and are a necessary part of the water-efficient future we need if everyone is to have access to clean, safe, and affordable water."

But PMI in a study sent to EPA July 7 says its study of 2019 market penetration indicates that WaterSense-certified products are only 1.8 percent of flushing urinals, 16.8 percent of tank-type residential toilets, 40.1 percent of bathroom sink faucets and 45.4 percent of showerheads. -- Lara Beaven (lbeaven@iwpnews.com)

Paul Buellesbach
Eastern Research Group, Inc.
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703-633-1662 (office)
Ex. 6 Personal Privacy (PP)

Message

From: Whitney, Janice [Whitney.Janice@epa.gov]
Sent: 12/10/2019 2:59:34 PM
To: Blette, Veronica [Blette.Veronica@epa.gov]
Subject: WS?

Have you seen this?

Ex. 5 Deliberative Process (DP)

https://www.rollingstone.com/politics/politics-news/americans-are-flushing-toilets-10-times-15-times-says-trump-923575/?fbclid=IwAR0u_4NltCWuZEQavhtOb-n12WkmM3BiKv_1zEY7p8rovFuQ3zRsOm1hDoY

Message

From: Livingston, Beth [Livingston.Beth@epa.gov]
Sent: 12/9/2019 9:54:47 PM
To: Blette, Veronica [Blette.Veronica@epa.gov]
CC: Schollhamer, Mary [Schollhamer.Mary@epa.gov]
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Ex. 5 Deliberative Process (DP) – so consumers can find a WS toilet to save money and water- they come in different price points, styles and from manufacturers. That is what they can do...

From: Blette, Veronica <Blette.Veronica@epa.gov>
Sent: Monday, December 09, 2019 4:47 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>; Livingston, Beth <Livingston.Beth@epa.gov>
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Ex. 5 Deliberative Process (DP)

For #3, change to say " Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
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Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

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Mary G Schollhamer
Communications Director
Office of Wastewater Management

U.S. Environmental Protection Agency
Office: 202-564-5759
Mobile: Ex. 6 Personal Privacy
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

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And using industry numbers is a well-established practice. PMI (Plumbing Manufacturers International) definitely qualifies as a representative industry group.

Let me know if you need anything else.
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Mary – See below.

Beth

QUESTIONS:

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Ex. 5 Deliberative Process (DP)

Replacing an old toilet with a WaterSense labeled model can save more than $140 per year.
Source: https://www.epa.gov/watersense/residential-toilets

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Mary,

Sorry for the rush …

Office of Water Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
fuld.john@epa.gov

DATE: December 9, 2019

OUTLET: CBS Money Watch

REPORTER: Rachel Layne

TOPIC: Toilet Flushes

DEADLINE: 2 pm TODAY 12 -9

OPA CONTACT: Angela Hackel

PROGRAM CONTACT: Mary Schollhamer

OW PROGRAM OFFICE: OWM

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Web-link or source material.

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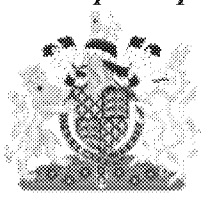
nobilis princeps



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Media Inquiry

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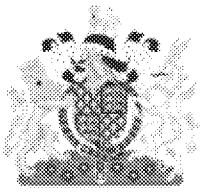

Message

From: Tanner, Stephanie [Tanner.Stephanie@epa.gov]
Sent: 10/21/2019 9:57:35 PM
To: Blette, Veronica [Blette.Veronica@epa.gov]
Subject: AWIA decision briefing presentation
Attachments: AWIA Decisions Briefing.pptx

Message

From: Livingston, Beth [Livingston.Beth@epa.gov]
Sent: 12/9/2019 8:12:14 PM
To: Schein, Jonah [Schein.Jonah@epa.gov]
CC: Blette, Veronica [Blette.Veronica@epa.gov]
Subject: FW: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

JS?

I think we could say from the report – since it is information we use but don't have first hand.

Beth

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TOPIC: Toilet Flushes

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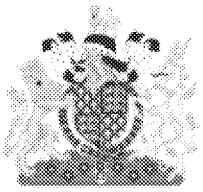

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From: Schein, Jonah [Schein.Jonah@epa.gov]
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To: Blette, Veronica [Blette.Veronica@epa.gov]
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm
Attachments: AWE-PMI-Saturation-Study-Report-FINAL_Apr-2017.pdf

They estimated slightly over 20% were non-efficient (conservatively estimated at 3.5 gpf). And this is across AZ, CA, CO, GA, and TX. States that should be assumed to skew more efficient.

Looking for a URL you can use because I don't know if this is for distribution or not.

Jonah Schein
WaterSense
U.S. Environmental Protection Agency
202.564.2720
www.epa.gov/watersense

From: Blette, Veronica <Blette.Veronica@epa.gov>
Sent: Monday, December 09, 2019 1:16 PM
To: Schein, Jonah <Schein.Jonah@epa.gov>
Subject: Re: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Why does assumptions on this page say what it says

https://www.epa.gov/watersense/how-watersense-calculator-works

I want to be able to send them to this as a resource. If it's right.

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

On Dec 9, 2019, at 1:13 PM, Schein, Jonah <Schein.Jonah@epa.gov> wrote:

Something is out of whack with the calculator... The excel version is using a value of $9.375/kgal (water and wastewater) and the online tool is using $8.29 (water and wastewater). Both are out of date with the current factoid catalog (and the reference you pointed out) which uses $11.02/kgal which is a 2016 number.

Our most recent estimate for 2019 (based on the 2016 survey) is $12.41/kgal. I could check with LBNL if they've processed the 2018 survey if you like (you'll recall it was slow in coming).

Ex. 5 Deliberative Process (DP)

Let me know if you need me to pull anything together for this request, or look into why the calculator is screwed up.

Jonah Schein
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It looks like we use $6.06/kgal for cost of water. I'm not sure how old this is – is it relatively close to what is current? (the excel spreadsheet says it was updated in 2012).

https://www.epa.gov/watersense/watersense-calculator

****
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<image004.png>

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APRIL 2017

A Saturation Study of Non-Efficient Water Closets in Key States

A Report by the
Alliance for Water Efficiency
and Plumbing Manufacturers International

Alliance for Water Efficiency

PLUMBING MANUFACTURERS INTERNATIONAL ®

A Saturation Study of Non-Efficient Water Closets in Key States

April 2017

Report Author

John Koeller, P.E., Principal
Koeller & Company

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Chicago, Illinois 60602
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Executive Summary

The Alliance for Water Efficiency (AWE) and Plumbing Manufacturers International (PMI) commissioned this study to quantify the potential water savings that can be achieved by replacing older, non-efficient toilets with water-efficient models in residential properties in five states. The "Saturation Study of Non-Efficient Water Closets in Key States" focused on Arizona, California, Colorado, Georgia and Texas – all states that have experienced serious water shortages.

This study concluded that between 90 billion and 170 billion gallons of potable drinking water could be saved per year in these five states (or 250 to 465 million gallons per day), with the higher numbers more likely if all of the non-efficient toilets in residential properties are replaced with water-efficient ones. This five-state savings can be extrapolated to an estimate of up to 360 billion gallons of potable drinking water saved nationally per year.

The five-state water savings estimate was calculated after the study's research determined that more than 13 million non-efficient toilets (with a flush volume of more than 1.6 gallons) remain installed in Arizona, California, Colorado, Georgia and Texas residences. These 13 million toilets comprise about 21 percent of all toilets installed in those states; therefore, about 79 percent of installed residential toilets are already efficient at 1.6 gpf or less.

This research produces important direction for water managers nationwide, as 40 out of 50 states anticipate water shortages in the coming years, according to a Government Accountability Office survey of state water managers published in 2013. Most of these states already experience periodic shortages. The five states researched represented 28% of the national population and 47% of all housing units in 2015, so the report examines a large part of the residential water consumption in the US. Toilet flushing is the largest indoor use of water, representing 24 percent of total use in single-family homes. Replacing non-efficient toilets with efficient ones is an important strategy to stretch available water supplies.

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Acknowledgements

This study involved the contribution of many individuals, especially for gathering the needed information on incentivized toilet replacements dating from 1990 through to 2015. Because many water providers and other organizations in the five states were involved in offering incentives to replace non-efficient toilets with efficient models, the 25 years of historical data was not always readily available. As such, staff members of these organizations were required to 'dig deep' in many instances to recover and assemble data that was stored in various electronic and paper forms. For this, we are extremely grateful.

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Introduction

About

Alliance for Water Efficiency

The Alliance for Water Efficiency (AWE) is a nonprofit organization dedicated to the efficient and sustainable use of water in North America. Working with nearly 400 water suppliers, business and industry, regulatory and advocacy organizations, AWE delivers innovative tools and training to encourage cost-effective water conservation programs, cutting-edge research, and policy options necessary for a sustainable water future.

Plumbing Manufacturers International

Plumbing Manufacturers International (PMI) is a trade association of plumbing products manufacturers. Its member companies produce most of the nation's plumbing products. PMI functions as a sounding board for its members, a source for industry and market information, and as a coordinating and decision-making body for dealing with industry issues. It is active in many arenas as it helps develop and maintain standards and codes, and works closely with government agencies at all levels – federal, state and local.

Purpose

- Determine the number of non-efficient toilets (water closets)[1] that remain within the installed residential base of plumbing fixtures in five states: Arizona, California, Colorado, Georgia, and Texas.
- Determine the potential water savings that could be achieved through replacement of those non-efficient models.

Scope

These five key states have demonstrated water supply or infrastructure issues leading to government proposals or actions[2] directed at aggressive water conservation. Each of these five states (or major jurisdictions within those states) has implemented or proposes to implement codes or standards that reduce maximum flush volumes for toilet fixtures below that of Federal law (or, in some cases, below that of the U.S. EPA WaterSense program). Each state has a sufficient inventory of installed residential toilets to warrant an assessment of the non-efficient portion of that base. The scope was limited to residential installations.

[1] The term 'non-efficient water closets' is defined as inclusive of all water closets with rated flush volumes greater than 1.6 gallons per flush (gpf), nominally rated at 3.5 gpf, 5.0 gpf and above. Also known as 'legacy fixtures'.
[2] Including legislation, regulations, programs, or other actions directed at toilet replacement in the built environment.

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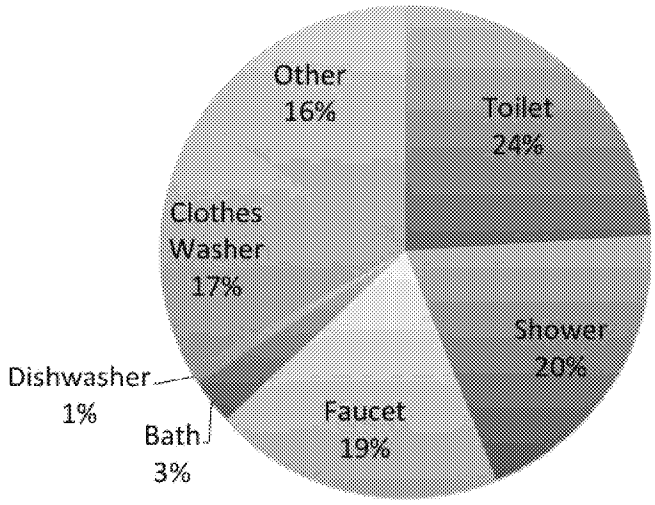
Background

Over the years, there has been a range of studies directed at identifying opportunities for water use reductions in residential dwellings. Included within those studies have been estimates of the average indoor water demand associated with the various appliances, fixtures, and other equipment[3] within the home. Figure 1 displays the most recent distribution of indoor water use.[4]

Figure 1. Residential Indoor Water Use



Clearly, toilet flushing is a major component of indoor water use. In those geographic areas where water supply and infrastructure issues were of critical importance, such water demand information became very important. It led to the development of initiatives and incentives by water providers, manufacturers, government agencies and others directed at removing the older, water-wasting products and installing newer, water-efficient replacements.

In the 1980s, water conservation programs and legislative actions focused on new product designs and several fixture/appliance replacement programs were launched in the U.S. Because toilet flushing represented a significant segment of water use in the home, a large number of those programs and actions focused on replacing older 5.0 and 3.5 gallons per flush (gpf) models with the newly available 1.6 gpf products (deemed “low flow” or “low flush”). At the same time, some programs began requiring them in new construction.

Recognizing the need to reduce water demands and defer infrastructure investments, four of these states and one municipality adopted legislation setting the maximum flush volume for toilets at 1.6 gpf prior to any Federal action:

[3] Includes appliances (clothes washers, dishwashers) plumbing fixtures and fixture fittings.
[4] Water Research Foundation, 2016. *Residential End Uses of Water, Version 2, Executive Report.*

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Table 1. Early Legislation Setting Pre-EPAct92 Maximum Toilet Fixture Flush Volumes at 1.6 gpf[5]

State/Locality	Effective Date of Legislation
Arizona	January 1, 1993
California	January 1, 1992
Georgia	April 1, 1992
Texas	January 1, 1992
Denver, Colorado	March 1, 1992

These state and local mandates setting 1.6 gpf as a maximum were ultimately followed by the Federal mandate of Environmental Policy Act of 1992 (EPAct92), which established a new national maximum water use threshold for toilets at 1.6 gpf.[6] EPAct92 also pre-empted any actions by states or other jurisdictions to adopt regulations "More stringent than Federal regulation concerning the water use or water efficiency...".[7] This included the legislation noted above in Table 1.

However, as reported in 2000 by the U.S. General Accounting Office (GAO), the water savings impact of this significant action was difficult to estimate...

"... because some use of low-flow fixtures would likely occur for other reasons—that is, even in the absence of the standards. These reasons include (1) state and local laws that preceded the national standards and (2) incentives, such as rebate programs sponsored by local governments, that encourage the replacement of less efficient fixtures."[8]

The result of Federal action (EPAct92) was to effectively eliminate the 3.5 and 5.0 gpf toilet models from the marketplace. It did not, though, address the many millions of these non-efficient models already installed in residential dwellings throughout the country.

[5] United States General Accounting Office, Report to Congressional Requesters, August 2000. *Water Infrastructure, Water-Efficient Plumbing Fixtures Reduce Water Consumption and Wastewater Flows.* GAO/RCED-00-232
[6] With limited exceptions, applies to tank-type toilets manufactured after January 1, 1994. Flushometer valve toilets, rare in residential settings, were not required to meet the 1.6-gallons-per-flush standard until January 1, 1997.
[7] On December 22, 2010, the U.S. Department of Energy (DOE) waived pre-emption; some states and local jurisdictions immediately began implementing even more stringent flush volume limits for toilet fixtures.
[8] United States General Accounting Office, Report to Congressional Requesters, August 2000. *Water Infrastructure, Water-Efficient Plumbing Fixtures Reduce Water Consumption and Wastewater Flows.* GAO/RCED-00-232

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Saturation Methodology

The first step in determining the existing installed base of non-efficient residential toilets was to begin with an inventory of the installed base of toilets just prior to when the state and local legislation (as noted in Table 1) effectively banned the further sale of non-efficient toilet models.

Housing Units

Population and housing data for 1990 and 1995 is readily available from the U.S. Census Bureau for each of the five states:

Table 2. Housing Unit Counts – 1990 and 1995[9]

State	1990 Housing Units (millions)	1995 Housing Units (millions)
Arizona	1.659	1.924
California	11.183	11.699
Colorado	1.477	1.643
Georgia	2.638	2.960
Texas	7.009	7.584

Bathroom Counts

Next, by applying bathroom (toilet) counts provided in multiple American Housing Surveys from the U.S. Census Bureau, it is possible to estimate the number of non-efficient toilet fixtures installed in residential dwellings as of the effective date of legislation listed in Table 1.[10]

Table 3. Bathrooms (toilets) per Dwelling Unit[11]

State	Toilet count per d.u.- 1992-1993
Arizona	1.799
California	1.652
Colorado	1.693
Georgia	1.757
Texas	1.705
NATIONAL	***1.505***

Interestingly, the national average just 10 years later (2003) had increased to 1.66 toilets per housing unit, due largely to new construction. By 2003, for example, the average for newly constructed housing was 2.47 toilets per dwelling unit.[12]

[9] U.S. Census Bureau, Population Division, May 2016. Annual Estimates of Housing Units for the United States, Regions, Divisions, States, and Counties: April 1, 2010 to July 1, 2015
[10] We recognize that a certain number of 1.6 gpf toilet models were already installed as of the dates in Table 1. However, these numbers are considered to be a very small percentage of the total installations since the availability of 1.6 gpf 'low flow' toilets was very limited in the late 1980s and early 1990s and, in most cases, there were no incentive programs existing to encourage the replacement of older 3.5 and 5.0 gpf models.
[11] U.S. Census Bureau, American Housing Surveys for the United States (various), 1970 through 2003
[12] U.S. Census Bureau, Characteristics of New Housing, at: http://www.census.gov/const/www/charindex.html.

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Toilet Counts

Using the data shown above, the approximate number of non-efficient toilets at the time of legislation can be calculated as presented in Table 4.

Table 4. Non-Efficient Toilets as of Legislation Date – Residential Housing

State	Year	Total installed base of non-efficient residential toilets (millions)
Arizona	1993	3.38
California	1992	19.90
Colorado	1992	2.67
Georgia	1992	4.93
Texas	1992	12.50
5 State Total	***1992-93***	***43.38***
NATIONAL	***1991***	***157.12***

Incentivized Replacement

Various water providers in each of the five states implemented incentivized toilet replacement programs directed at homeowners and multi-family housing managers. In most cases, the programs took the form of rebates paid directly to the utility customer or multi-tenant building owner. Some program incentives took the form of what is known as 'direct installation', wherein the water utility contracts a qualified plumber or plumbing contractor to complete the replacement of non-efficient toilets in single- or multi-family dwellings. In these latter cases, both the toilet fixture and its installation are provided to the utility customer, who usually bears little cost, if any.

We surveyed a number of individuals associated with water utilities in the five states to determine the number of incentivized replacements of toilet fixtures made since 1990. While it was not possible to contact and obtain historical information from all of the thousands of water providers in those states,[13] we were able to connect with the largest purveyors and develop a reliable approximation of such replacements over the 26 years from 1990 to 2015 inclusive (Table 5).

Table 5. Incentivized Replacements of Non-Efficient Residential Toilets - 1990 to 2015

State	Estimate of Incentivized Replacements[14] (millions)
Arizona	0.09
California	3.80
Colorado	0.18
Georgia	0.13
Texas	0.45
5 State Total	***4.65***

In 2003, the new construction average of 2.47 was comprised of multi-family at 1.73 toilets per housing unit and single-family at 2.83 toilets per housing unit.

[13] Staff turnover, loss of records, and privacy issues were among the reasons why some data was unavailable.

[14] Data gathered and aggregated from numerous sources and used to develop a statewide estimate.

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Natural Replacement

The installed base of non-efficient toilets shown in Table 4 was gradually depleted naturally over the ensuing 20-25 years as these toilets were replaced with efficient models (1.6 gpf or less), irrespective of any incentives by the water providers to homeowners to do so. The most common natural replacement rate adopted by economists developing water use projections is four (4) percent per year, equivalent to an average toilet life cycle of 25-years.[15] Some economists will assume a different life cycle for single- and multi-family installations.[16] This analysis assumes a natural replacement rate of four percent annually of the remaining installed stock each year of non-efficient fixtures, or a total replacement of approximately 64 percent over a 25-year period.

Table 6. Natural Replacements of Non-Efficient Residential Toilets – 1992-93 to 2015 at 4% annually

State	Estimate of Natural Replacements (millions)
Arizona	2.03
California	11.11
Colorado	1.57
Georgia	3.04
Texas	7.65
5 State Total	***25.40***

Total Replacements and Saturation

The combination of incentivized replacement and natural replacement represents the estimated reduction in non-efficient toilet fixtures over the 26-year span. Tables 7 and 8 summarize the saturation results.

Table 7. Changes in Non-Efficient Residential Toilets - 1992-93 to 2015 (millions)

State	Installed base of non-efficient residential toilets - 1992-93 (Table 4)	Incentivized replacement 1992 to 2015 (Table 5)	Natural replacement 1992 to 2015 (Table 6)	Remaining installed base Year-end: 2015
Arizona	3.38	0.09	2.03	1.26
California	19.90	3.80	11.11	4.99
Colorado	2.67	0.18	1.56	0.93
Georgia	4.93	0.13	3.04	1.76
Texas	12.50	0.45	7.65	4.36
5 State Total	***43.38***	***4.65***	***25.40***	***13.30***

[15] Whereas many plumbing professionals will claim the physical life of a toilet is over 50 years, the useful or economic life of a toilet fixture is generally much less, and is governed by many external factors other than physical durability. These include the tendency to remodel or re-equip an existing bathroom, a desire for a different design, need for achieving a higher level of water efficiency, and other influences. It is important to note that the assumed 25-year life cycle is an average value, with some toilets replaced more frequently and some remaining in place for a much longer period. In its Water Conservation Tracking Tool, the Alliance for Water Efficiency uses four (4) percent annually for natural replacement of residential toilet fixtures:
Alliance for Water Efficiency, July 2016. *Water Conservation Tracking Tool, version 3.0, User Guide*, page 56

[16] California has historically used a four (4) percent natural replacement rate for all residential toilets (http://www.cuwcc.org/Research-Portal/Natural-replacement-rates), however, a recent analysis for Colorado used 2.8 percent, Texas used 2.0 percent, and Austin, Texas used 4.0 percent for single-family and 2.0 percent for multi-family housing.

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Table 8. Non-Efficient Residential Toilet Saturation – 2015

State	Total installed base of ALL residential toilets Year End-2015 (millions)	Remaining installed base of non-efficient residential toilets Year-End 2015 (millions)	Percent saturation of non-efficient residential toilets remaining in the installed base
Arizona	5.80	1.26	21.7%
California	24.36	4.99	20.5%
Colorado	4.19	0.93	22.2%
Georgia	8.59	1.76	20.5%
Texas	20.42	4.36	21.4%
5 State Total	***63.36***	***13.30***	***21.0%***

Potential Water Savings

The prediction of water savings that might accrue when replacing a residential toilet fixture is influenced by a number of variables, most of which are of unknown quantity and must be estimated with the best available information. For example:

- **The actual 'real world' consumption of the non-efficient toilet fixtures being replaced is generally unknown**.
  Experience tells us that many older 3.5 or 5.0 gpf-rated toilet installed in the 1980s or prior tend to flush with more than their rated volume. Field studies have shown the water savings achieved by replacing these fixtures with efficient models is usually greater than might be expected from a simple engineering calculation. This 'additional' savings is due largely to older non-efficient toilets flushing with higher-than-rated volumes and to the elimination of leakage. Water savings will vary depending upon the fixture being replaced.

- **The flush volume of the replacement high-efficiency toilet (HET)**.[17]
  Flush volumes of HETs vary from a maximum of 1.28 gpf to as low as 0.8 gpf today. Over 200 models currently in the marketplace are rated at 1.1 gpf or less. As such, the water savings profile is also dependent upon the replacement toilet model chosen by the consumer or building owner.

- **The use profile of the homeowner/renter**.
  It is common practice to attribute an average count of 5.0 flushes per day per person in the home.[18] However, for many users, this number of flushes per day at home may either be higher or lower.

For the purpose of this analysis, we have conservatively assumed the replaced non-efficient toilet to be a 3.5 gpf model, the flush volume of the replacement HET to be 1.28 gpf, and the use profile to be 5.0 flushes per person per day.

Also to be considered is the average occupancy density of the dwelling units (i.e., persons per household) where the toilets are being replaced. In this case, such information is readily available on a statewide basis from national and state sources:

[17] Four of the five states (excluding Arizona) now limit sales of residential toilet fixtures to HETs and, in most cases, also limit toilet installations to HETs as well.
[18] Water Research Foundation, 2016. *Residential End Uses of Water, Version 2, Executive Report.* Page 9.

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Table 9. Persons per Household - 2015[19]

State	Persons per household
Arizona	2.69
California	2.96
Colorado	2.55
Georgia	2.73
Texas	2.84
NATIONAL	***2.54***

The estimate of water savings likely to be achieved by replacing toilet fixtures is frequently based exclusively upon a simple 'engineering estimate'. That is, the analyst assumes the savings is equal to the 'delta' in flush volume between the old (non-efficient) fixture and the new (efficient) fixture multiplied by the number of times the new toilet is flushed per day (Table 10).

Table 10. Engineering Calculation: Gallons/Day Savings per Replacement Toilet

	Toilets per Dwelling Unit (1992-93) (Table 3)	Persons/ Household (2015) (Table 9)	Persons/ Toilet (2015)	Flushes per Person per Day	Engr. Calculation of Savings at 2.22 gpf (gal/toilet/day)
Arizona	1.799	2.69	1.495	5.0	16.6
California	1.652	2.96	1.792	5.0	19.9
Colorado	1.693	2.55	1.506	5.0	16.7
Georgia	1.757	2.73	1.554	5.0	17.2
Texas	1.705	2.84	1.666	5.0	18.5
NATIONAL	***1.505***	***2.54***	***1.688***	***5.0***	***18.7***

While this intuitive approach appears to be reliable, it fails to account for 'real world' measurements of water use reductions obtained from field studies of replacement programs. For example, field study findings from recent years show reported average savings in excess of 30 gallons per replacement:

Table 11. Measured Water Savings per Residential Replacement Toilet (Field Studies)

Source	Gallons per Toilet per Day
AWE Water Conservation Tracking Tool[20]:	
Metropolitan Water District of Southern California	38.0
Canada Mortgage and Housing Corporation	32.6
California Urban Water Agencies[21]	31.2 to 37.9
Compilation of Field Studies (see Appendix Table)	39.0

For the purpose of this analysis and to develop a range of savings, we applied both the very conservative engineering calculations shown for each of the five states in Table 10 and what we believe to be a more realistic 35 gallons per toilet per day, based upon field study findings.

[19] http://www.census.gov/quickfacts/table/PST045216/00
[20] Alliance for Water Efficiency Water Conservation Tracking Tool, v.3.0, *User Guide*
[21] California Urban Water Agencies (CUWA), April 13, 2015. *CUWA Phase 1 Water Savings Study.*

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Table 12 summarizes the resulting range of water savings potential of replacing non-efficient toilets in each of the five states assuming the minimum gallons per toilet per day savings estimates identified in Table 10 and the expected average savings of 35 gallons per toilet per day. Table 13 provides the same values but on an annual basis.

Table 12. Summary Comparison - Estimated Daily Water Savings

State	Remaining installed base of non-efficient residential toilets Year-end 2015 (Table 8)	Estimate of Potential Water Use Reduction: Replacing ALL Non-efficient Residential Toilets (MILLIONS of gallons per day)	
		Determined By Engineered Calculation	**Determined By Field Study Data**
Arizona	1.26	20.9	44.1
California	4.99	99.2	174.7
Colorado	0.93	15.5	32.5
Georgia	1.76	30.4	61.6
Texas	4.36	80.6	152.6
5 State Total	***13.30***	***246.6***	***465.5***

Table 13. Summary Comparison - Estimated Annual Water Savings

State	Remaining installed base of non-efficient residential toilets Year-end 2015 (Table 8)	Estimate of Potential Water Use Reduction: Replacing ALL Non-efficient Residential Toilets (BILLIONS) of gallons per year	
		Determined By Engineered Calculation	**Determined By Field Study Data**
Arizona	1.26	7.6	16.1
California	4.99	36.2	63.7
Colorado	0.93	5.7	11.9
Georgia	1.76	11.1	22.5
Texas	4.36	29.4	55.7
5 State Total	***13.30***	***90.0***	***169.9***[22]

[22] Equal to approximately 520,000 acre-feet of water.

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Conclusions

At the end of 2015, it is estimated that slightly more than 13 million non-efficient residential toilet fixtures (approximately 21% of the installed base) remained installed in Arizona, California, Colorado, Georgia, and Texas. Conversely, one can conclude that 79 percent of the installed base is comprised of efficient fixtures (1.6 gpf or less).

Based upon field experience from completed toilet replacement projects, we estimate the potential net potable water demand reductions to be achieved through replacement of these non-efficient fixtures ranges between 250 and 465 million gallons per day, or about 90 to 170 billion gallons annually. It is our opinion that the higher number is more likely.

Reaching and replacing the remaining 21 percent non-efficient toilets would undoubtedly be more difficult for the water provider incentive programs than was the case for past incentive programs and it may not be a cost-effective process. Given time, it is probable that most of the 21 percent will disappear through the natural replacement process, e.g., at the four (4) percent annual replacement rate, savings of half of the 170 billion gallons could be achieved by the year 2032.

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Appendix

Summary of Residential Water Savings Studies - Toilet Fixture Replacement Projects

Project Name	Fountain View Apts	U.C. Irvine-Student Housing Retrofit Project		Sun Prarie Apts	Kenco Apts - Waverly Manor	Univer-sity Place Apts	HET Direct Install Program		HET Direct Install Program		Mendelsohn House	Embedded Energy in Water Studies		HET Direct Insall Program		Residential End Use Studies (Aquacraft)			Water Matrix Case Studies (Canada)			
Geographic Location	Long Beach CA	Irvine CA		West Des Moines, IA	Norcross GA	Columbia MO	Santa Clara Valley CA		Sonoma County CA		San Francisco CA	PG&E/ Santa Clara Valley, CA	SCE/ Irvine Ranch Water District, CA	Elsinore Valley Water District, CA	Eastern Municipal Water District, CA	East Bay Municipal Utility District, CA (2003)	Seattle Public Utilities, WA (2000)	Tampa Water Dept., FL (2004)	Capreit, Toronto	St. David's Tower Corp., Toronto	Haven-brook Realty Co., Toronto	Gold Seal Mgt. Toronto
Type of residential application	MF	MF	MF	MF	MF	MF	MF	MF	MF	MF	MF	SF	MF	SF	SF	SF	SF	SF	MF	MF	MF	MF
Date of replacement	Mar-12	Jul-09			Jul-10		Jul-07 to May-11		2009-10		Apr-May 2010	2008-09		2nd qtr, 2010		2001-2003	1999-2000	2001-2003				
Toilets replaced:																						
Flush volume (gal)	3.5	1.6	3.5		3.5	5.0	3.5	5.0	1.6	3.5	3.5	3.2 avg	3.5	1.6	3.5	3.88	3.61	3.51	1.6	3.5	1.6	1.6
Number of toilets replaced and evaluated	250	88	500		118	174	2412	831	523		192	40	74	34	24				340	60	372	186
Replacement Toilets:																						
Flush volume	0.8	0.8	0.8	0.8	0.8	0.8	1.28	1.28	1.1	1.1	1.0	1.28	1.2	0.8	0.8	1.6	1.6	1.6	0.8	0.8	0.8	0.8
Showerhead replaced?	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No
Aerator replaced?	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No
Water Savings (gal/toilet/day)	**43.7**	**13.7**	**60.8**	Toilet replacement performed concurrent with clothes washer replacement; data on savings is not parsed for toilets only	**75.6**	Insufficient data to draw water savings conclusions	**39.5**	**33.7**	**27.1**	**41.8**	**56.0**	**36.3**	**31.2**	**25.0**	**97.0**				**60.6**	**40.4**	**63.5**	**89.4**
Water Savings (gal/capita/day)	**No occu-pancy data**	**3.23**	**7.48**		**No occu-pancy data**		**No occupancy data**		**No occupancy data**		**28.0**	**11.1**	**20.8**	**14.0**	**14.0**	**10.1**	**10.9**	**10.1**	**No occu-pancy data**	**No occu-pancy data**	**No occu-pancy data**	**No occu-pancy data**
Comments & information sources	L.B. email	IRWD powerpoint			Waverly billing records		Final Project Report		Final Project Report		*(seniors apt complex)* K&C Final Project Rpt-Aug 2011	CPUC Final Report by ECONorthwest - March 2011		***21.0*** ***40.0*** *(When per toilet savings are ajusted to avg. CA household occupancy, due to extraordinary housing density in project area)* Stealth study of 2011		**Source: Individual Aquacraft reports**			**Source: Water Matrix data**			

SUMMARY by type of replacement	No. of toilets replaced	Average savings per toilet per day	Notes
3.5-0.8	952	57.8	868 of the 952 replacements also included showerheads & aerators
1.6-0.8	1020	61.5	868 of the 952 replacements also included showerheads & aerators
COMBINED (10 projects)	**1972**	**59.7**	
3.5-1.1	527	45.5	No showerhead or aerator replacements
1.6-1.1	262	27.1	No showerhead or aerator replacements
3.5-1.28	2412	39.5	No showerhead or aerator replacements
3.2-1.28	40	36.3	No showerhead or aerator replacements
5.0-1.28	831	33.7	No showerhead or aerator replacements
All 3.5 to HET	**3810**	**39.03** (weighted avg)	

Message

From: Schein, Jonah [Schein.Jonah@epa.gov]
Sent: 12/9/2019 6:21:52 PM
To: Blette, Veronica [Blette.Veronica@epa.gov]
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

I don't recognize that value "$6.06" off the top of my head. My guess would be that somebody was updating this value throughout our site and used the value for just water as opposed to the combined cost of water and wastewater (which should be used for toilets obviously). I can't say for sure, but I can easily back calculate and say that the number referenced on that page ($6.06) is NOT what's used in either calculator.

Do you want me to rally the troops and clean this up so we can use it as a reference?

Jonah Schein
WaterSense
U.S. Environmental Protection Agency
202.564.2720
www.epa.gov/watersense

From: Blette, Veronica <Blette.Veronica@epa.gov>
Sent: Monday, December 09, 2019 1:16 PM
To: Schein, Jonah <Schein.Jonah@epa.gov>
Subject: Re: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Why does assumptions on this page say what it says

https://www.epa.gov/watersense/how-watersense-calculator-works

I want to be able to send them to this as a resource. If it's right.

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

> On Dec 9, 2019, at 1:13 PM, Schein, Jonah <Schein.Jonah@epa.gov> wrote:
>
> Something is out of whack with the calculator... The excel version is using a value of $9.375/kgal (water and wastewater) and the online tool is using $8.29 (water and wastewater). Both are out of date with the current factoid catalog (and the reference you pointed out) which uses $11.02/kgal which is a 2016 number.
>
> Our most recent estimate for 2019 (based on the 2016 survey) is $12.41/kgal. I could check with LBNL if they've processed the 2018 survey if you like (you'll recall it was slow in coming).

Ex. 5 Deliberative Process (DP)

Let me know if you need me to pull anything together for this request, or look into why the calculator is screwed up.

Jonah Schein
WaterSense
U.S. Environmental Protection Agency
202.564.2720
www.epa.gov/watersense

From: Blette, Veronica <Blette.Veronica@epa.gov>
Sent: Monday, December 09, 2019 12:32 PM
To: Schein, Jonah <Schein.Jonah@epa.gov>
Subject: FW: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

It looks like we use $6.06/kgal for cost of water. I'm not sure how old this is – is it relatively close to what is current? (the excel spreadsheet says it was updated in 2012).

https://www.epa.gov/watersense/watersense-calculator

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

From: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Sent: Monday, December 9, 2019 12:06 PM
To: Blette, Veronica <Blette.Veronica@epa.gov>; Livingston, Beth <Livingston.Beth@epa.gov>
Subject: FW: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Hi Veronica,
Please see below. Note, they want a response by 2pm.

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Fuld, John <Fuld.John@epa.gov>
Sent: Monday, December 09, 2019 12:03 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary,

Sorry for the rush …

<image004.png>

Office of Water
Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
fuld.john@epa.gov

DATE: December 9, 2019

OUTLET: CBS Money Watch

REPORTER: Rachel Layne

TOPIC: Toilet Flushes

DEADLINE: 2 pm TODAY 12 -9

OPA CONTACT: Angela Hackel

PROGRAM CONTACT: Mary Schollhamer

OW PROGRAM OFFICE: OWM

PERTINENT INFORMATION:

I'm a reporter writing a story for CBS MoneyWatch on how much each flush typically costs the consumer given President Trump's remarks on Friday.

I see this WaterSense pamphlet from 2017 outlining products and water use, but wondering if there's anything more recent and with estimated costs.

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

ANSWERS:

****
*****

Source Information:
Highlight any source information you have recently used or has been approved before at the program level.
INFORMATION PUBLICLY AVAILABLE: (*LIST SOURCE WITH EACH ANSWER)*
Web-link or source material.
****
*****

John W. Fuld, Ph.D.
U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
Ex. 6 Personal Privacy (PP)
fuld.john@epa.gov
nobilis princeps
<image003.png>

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/13/2019 10:24:59 PM
To: Sawyers, Andrew [Sawyers.Andrew@epa.gov]
CC: Stein, Raffael [Stein.Raffael@epa.gov]; Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Miller, Wynne [Miller.Wynne@epa.gov]
Subject: RE: Updated WaterSense plan - use this
Attachments: Assessing Consumer Satisfaction Roll Out Plan-v4.docx

Importance: High

WAIT – Outlook screwed up and took the wrong file.

Here is the one with the edits accepted.

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

From: Blette, Veronica
Sent: Friday, December 13, 2019 5:19 PM
To: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Cc: Stein, Raffael <Stein.Raffael@epa.gov>; Gueriguian, Leo <Gueriguian.Leo@epa.gov>; Miller, Wynne <Miller.Wynne@epa.gov>
Subject: RE: Updated WaterSense plan

First, I accepted his changes, clean version is attached. The one exception is that I changed "higher" to "high" in the following sentence under the Why.

Ex. 5 Deliberative Process (DP)

I don't really think people are going to necessarily tell us that they LOVE vs like their toilet. Remember, we are trying to weed out poor performers. Our brand message is "**Products bearing the WaterSense label:** Perform as well or better than their less efficient counterparts…..etc,"

Second, I think they can keep those timeframes as long as they understand that they could slip because a lot will depend on convincing people to respond to our inquiries.

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP) Several of the articles about this issue have picked up on it and people are going to be asking about it and for it. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

****

Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

From: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Sent: Friday, December 13, 2019 4:23 PM
To: Blette, Veronica <Blette.Veronica@epa.gov>
Cc: Stein, Raffael <Stein.Raffael@epa.gov>; Gueriguian, Leo <Gueriguian.Leo@epa.gov>; Miller, Wynne <Miller.Wynne@epa.gov>
Subject: Fwd: Updated WaterSense plan

Sent from my iPhone

Begin forwarded message:

> **From:** "Forsgren, Lee" <Forsgren.Lee@epa.gov>
> **Date:** December 13, 2019 at 4:08:33 PM EST
> **To:** "Sawyers, Andrew" <Sawyers.Andrew@epa.gov>
> **Cc:** "Miller, Wynne" <Miller.Wynne@epa.gov>
> **Subject: RE: Updated WaterSense plan**
>
> Woops forgot to attach document.
>
> ---
>
> **From:** Forsgren, Lee
> **Sent:** Friday, December 13, 2019 4:08 PM
> **To:** Sawyers, Andrew <Sawyers.Andrew@epa.gov>
> **Cc:** Miller, Wynne <Miller.Wynne@epa.gov>
> **Subject:** RE: Updated WaterSense plan
>
> Andrew,
>
> Here are my comments and Dave's and my expectations for timelines. Can you clean up the document and get it to me to share this afternoon.
>
> Lee
>
> ---
>
> **From:** Sawyers, Andrew <Sawyers.Andrew@epa.gov>
> **Sent:** Friday, December 13, 2019 12:39 PM
> **To:** Forsgren, Lee <Forsgren.Lee@epa.gov>
> **Cc:** Miller, Wynne <Miller.Wynne@epa.gov>
> **Subject:** Updated WaterSense plan

Hello Lee, please see attached. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP) Please let me know if you are comfortable with the plan. Once I get your okay, Wynne and I will work with the team and Allison to roll out.

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/13/2019 3:38:33 PM
To: Erica Brown [brown@amwa.net]
Subject: articles about toilet issue

Here are a few things that might be helpful.

https://www.vox.com/policy-and-politics/2019/12/7/21000314/trump-toilet-10-15-times-epa-rules

http://nymag.com/intelligencer/2019/12/president-trump-is-wrong-toilets-are-good-now.html

https://www.allianceforwaterefficiency.org/news/are-our-water-efficiency-standards-jeopardy

https://cei.org/blog/trump-cant-do-much-about-toilets-can-stop-other-anti-homeowner-regulations

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
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and Twitter: http://www.twitter.com/epawatersense

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/12/2019 10:43:58 PM
To: Sawyers, Andrew [Sawyers.Andrew@epa.gov]
CC: Stein, Raffael [stein.raffael@epa.gov]; Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Stephanie Tanner [Tanner.Stephanie@epa.gov]
Subject: Updated WaterSense plan
Attachments: Assessing Consumer Satisfaction Roll Out Plan-v3.docx

Please let me know if any questions.

Veronica

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
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and Twitter: http://www.twitter.com/epawatersense

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/7/2019 3:47:23 PM
To: Blette, Veronica [Blette.Veronica@epa.gov]
Subject: Trump orders toilet review: Americans are 'flushing toilets 10 times, 15 times'

https://www.usatoday.com/story/news/politics/2019/12/06/trump-americans-flushing-toilets-10-times-15-times/4360782002/

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/7/2019 3:37:08 PM
To: Sawyers, Andrew [Sawyers.Andrew@epa.gov]
Subject: Articles

https://www.bloomberg.com/news/articles/2019-12-06/trump-orders-toilet-rule-review-saying-people-flush-10-times

http://nymag.com/intelligencer/2019/12/president-trump-is-wrong-toilets-are-good-now.html

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/7/2019 2:19:35 AM
To: Stein, Raffael [Stein.Raffael@epa.gov]
Subject: Re: Tweet by Kyle Griffin on Twitter

Cooper? Found it on Twitter. **Ex. 6 Personal Privacy (PP)**

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

On Dec 6, 2019, at 8:53 PM, Stein, Raffael <Stein.Raffael@epa.gov> wrote:

Check out CNN now!

Sent from my iPhone

On Dec 6, 2019, at 5:03 PM, Blette, Veronica <Blette.Veronica@epa.gov> wrote:

I can't even.

Kyle Griffin (@kylegriffin1)

12/6/19, 3:55 PM
Here's the video, via WaPo, of Trump discussing toilet flushing: "We have a situation where we're look very strongly at sinks and showers, and other elements of bathrooms ... You turn on the faucet and you get any water … People are flushing toilets 10 times, 15 times." pic.twitter.com/pPE0im4RxL

Download the Twitter app

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/7/2019 2:04:00 AM
To: Stein, Raffael [Stein.Raffael@epa.gov]
Subject: Re: Tweet by Kyle Griffin on Twitter

No cable.

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

On Dec 6, 2019, at 8:53 PM, Stein, Raffael <Stein.Raffael@epa.gov> wrote:

Check out CNN now!

Sent from my iPhone

On Dec 6, 2019, at 5:03 PM, Blette, Veronica <Blette.Veronica@epa.gov> wrote:

Ex. 6 Personal Privacy (PP)

Kyle Griffin (@kylegriffin1)

12/6/19, 3:55 PM
Here's the video, via WaPo, of Trump discussing toilet flushing: "We have a situation where we're look very strongly at sinks and showers, and other elements of bathrooms ... You turn on the faucet and you get any water … People are flushing toilets 10 times, 15 times." pic.twitter.com/pPE0im4RxL

Download the Twitter app

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/6/2019 11:16:22 PM
To: Blette, Veronica [Blette.Veronica@epa.gov]
Subject: Trump Orders Toilet Rule Review, Saying People Flush 10 Times

https://www.bloomberg.com/news/articles/2019-12-06/trump-orders-toilet-rule-review-saying-people-flush-10-times

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/6/2019 9:58:10 PM
To: Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Stein, Raffael [Stein.Raffael@epa.gov]; Tanner, Stephanie [Tanner.Stephanie@epa.gov]
CC: Blette, Veronica [Blette.Veronica@epa.gov]
Subject: Tweet by Jeff Mason on Twitter

Ex. 5 Deliberative Process (DP)

Jeff Mason (@jeffmason1)

12/6/19, 2:47 PM
Trump expresses frustration about water efficiency, says sinks don't have enough pressure and people have to flush toilets multiple times. He says he has directed the EPA to look at opening up water standards. It's called rain, he says, referring to states with lots of water. pic.twitter.com/pwvzqULeGB

Download the Twitter app

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/12/2019 7:47:24 PM
To: Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Stephanie Tanner [Tanner.Stephanie@epa.gov]; Jonah Schein [Schein.Jonah@epa.gov]
Subject: Ex. 6 Personal Privacy (PP)
Attachments: Ex. 5 Deliberative Process (DP)

Let me know if you have any comments this new version. It reflects feedback I received from Andrew (he received from Lee).

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/17/2019 9:32:03 PM
To: Sawyers, Andrew [Sawyers.Andrew@epa.gov]
CC: Stein, Raffael [Stein.Raffael@epa.gov]; Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Miller, Wynne [Miller.Wynne@epa.gov]; Tanner, Stephanie [Tanner.Stephanie@epa.gov]
Subject: RE: WaterSense desk statement
Attachments: Final_WS Product Specification Review Decision Report_121719_for PDF.docx

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

From: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Sent: Tuesday, December 17, 2019 4:31 PM
To: Blette, Veronica <Blette.Veronica@epa.gov>
Cc: Stein, Raffael <Stein.Raffael@epa.gov>; Gueriguian, Leo <Gueriguian.Leo@epa.gov>; Miller, Wynne <Miller.Wynne@epa.gov>; Tanner, Stephanie <Tanner.Stephanie@epa.gov>
Subject: RE: WaterSense desk statement

Can you please send me word version to add my comments – thanks.

From: Blette, Veronica <Blette.Veronica@epa.gov>
Sent: Tuesday, December 17, 2019 10:16 AM
To: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Cc: Stein, Raffael <Stein.Raffael@epa.gov>; Gueriguian, Leo <Gueriguian.Leo@epa.gov>; Miller, Wynne <Miller.Wynne@epa.gov>; Tanner, Stephanie <Tanner.Stephanie@epa.gov>
Subject: RE: WaterSense desk statement

Here is the report.

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

From: Blette, Veronica
Sent: Tuesday, December 17, 2019 9:35 AM
To: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Cc: Stein, Raffael <Stein.Raffael@epa.gov>; Gueriguian, Leo <Gueriguian.Leo@epa.gov>; Miller, Wynne <Miller.Wynne@epa.gov>; Stephanie Tanner <Tanner.Stephanie@epa.gov>
Subject: WaterSense desk statement

See attached proposed desk statement/Q&As.

We will have final copy of the report documenting our review during 2019 in the next hour or so – just adding a table of contents and fixing some links.

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/17/2019 3:16:15 PM
To: Sawyers, Andrew [Sawyers.Andrew@epa.gov]
CC: Stein, Raffael [Stein.Raffael@epa.gov]; Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Miller, Wynne [Miller.Wynne@epa.gov]; Stephanie Tanner [Tanner.Stephanie@epa.gov]
Subject: RE: WaterSense desk statement
Attachments: Final_WS Product Specification Review Decision Report_121719.pdf

Here is the report.

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

From: Blette, Veronica
Sent: Tuesday, December 17, 2019 9:35 AM
To: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Cc: Stein, Raffael <Stein.Raffael@epa.gov>; Gueriguian, Leo <Gueriguian.Leo@epa.gov>; Miller, Wynne <Miller.Wynne@epa.gov>; Stephanie Tanner <Tanner.Stephanie@epa.gov>
Subject: WaterSense desk statement

See attached proposed desk statement/Q&As.

We will have final copy of the report documenting our review during 2019 in the next hour or so – just adding a table of contents and fixing some links.

****
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and Twitter: http://www.twitter.com/epawatersense

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/17/2019 2:16:01 PM
To: Gueriguian, Leo [Gueriguian.Leo@epa.gov]
Subject: check this
Attachments: Draft_Notice of Specification Review Decisions_121719-final.pdf; WaterSense review - desk statement.docx

I've attached a copy of a proposed desk statement and some Q&As.

Also a copy of the draft final review report. Our contractor is doing a final clean-up to fix some of the links and add a table of contents. We should have it in the next hour.

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/10/2019 5:35:01 PM
To: Stein, Raffael [Stein.Raffael@epa.gov]; Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Tanner, Stephanie [Tanner.Stephanie@epa.gov]; Sawyers, Andrew [Sawyers.Andrew@epa.gov]
Subject: Despite Trump Complaints, EPA Water Efficiency Standards Win Support | InsideEPA.com

https://insideepa.com/daily-news/despite-trump-complaints-epa-water-efficiency-standards-win-support

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/9/2019 11:00:53 PM
To: Stephanie Tanner [Tanner.Stephanie@epa.gov]
Subject: CEI thoughts

https://cei.org/blog/trump-cant-do-much-about-toilets-can-stop-other-anti-homeowner-regulations

****

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Sent: 12/2/2019 8:18:28 PM
To: Gueriguian, Leo [Gueriguian.Leo@epa.gov]
CC: Stephanie Tanner [Tanner.Stephanie@epa.gov]
Subject: draft spec review document
Attachments: Draft_Notice of Specification Review Decisions_112519 Track Chng-vb-to Leo.docx

Leo,

I've attached the clean working version of the spec review decision document. Note that the highlighted text in the beginning still needs some work – Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

You can take your time reading it this week since she'll be in Las Vegas and I'll be in Nashville. I'll be back Friday, so can discuss then if you're ready.

Ex. 5 Deliberative Process (DP)

****

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Message

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Sent: 12/9/2019 7:50:09 PM
To: Livingston, Beth [Livingston.Beth@epa.gov]; Schein, Jonah [Schein.Jonah@epa.gov]
Subject: Re: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Perfect. Thank you.

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

On Dec 9, 2019, at 2:28 PM, Livingston, Beth <Livingston.Beth@epa.gov> wrote:

Mary – See below.

Beth

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

Ex. 5 Deliberative Process (DP)

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

Ex. 5 Deliberative Process (DP)

From: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Sent: Monday, December 09, 2019 12:06 PM
To: Blette, Veronica <Blette.Veronica@epa.gov>; Livingston, Beth <Livingston.Beth@epa.gov>
Subject: FW: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Hi Veronica,
Please see below. Note, they want a response by 2pm.

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Fuld, John <Fuld.John@epa.gov>
Sent: Monday, December 09, 2019 12:03 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary,

Sorry for the rush …

<!--[if !vml]-->
<image004.png>
<!--[endif]-->**Office of Water**
Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
fuld.john@epa.gov

DATE: December 9, 2019

OUTLET: CBS Money Watch

REPORTER: Rachel Layne

TOPIC: Toilet Flushes

DEADLINE: 2 pm TODAY 12 -9

OPA CONTACT: Angela Hackel

PROGRAM CONTACT: Mary Schollhamer

OW PROGRAM OFFICE: OWM

PERTINENT INFORMATION:

I'm a reporter writing a story for CBS MoneyWatch on how much each flush typically costs the consumer given President Trump's remarks on Friday.

I see this WaterSense pamphlet from 2017 outlining products and water use, but wondering if there's anything more recent and with estimated costs.

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

ANSWERS:

****
*****

Source Information:
Highlight any source information you have recently used or has been approved before at the program level.
INFORMATION PUBLICLY AVAILABLE: (*LIST SOURCE WITH EACH ANSWER)*
Web-link or source material.
****
*****

John W. Fuld, Ph.D.
U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
Ex. 6 Personal Privacy (PP)
fuld.john@epa.gov
nobilis princeps
<image005.png>

Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/9/2019 7:03:01 PM
To: Livingston, Beth [Livingston.Beth@epa.gov]; Jonah Schein [Schein.Jonah@epa.gov]
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Jonah and Beth – finish this out and send to Mary. Beth, talk to Jonah….

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

Ex. 5 Deliberative Process (DP)

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

Ex. 5 Deliberative Process (DP)

https://www.allianceforwaterefficiency.org/impact/our-work/saturation-study-non-efficient-water-closets-key-states

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

From: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Sent: Monday, December 9, 2019 12:06 PM
To: Blette, Veronica <Blette.Veronica@epa.gov>; Livingston, Beth <Livingston.Beth@epa.gov>
Subject: FW: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Hi Veronica,
Please see below. Note, they want a response by 2pm.

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Fuld, John <Fuld.John@epa.gov>
Sent: Monday, December 09, 2019 12:03 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary,

Sorry for the rush ...

Office of Water Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
fuld.john@epa.gov

DATE: December 9, 2019

OUTLET: CBS Money Watch

REPORTER: Rachel Layne

TOPIC: Toilet Flushes

DEADLINE: 2 pm TODAY 12 -9

OPA CONTACT: Angela Hackel

PROGRAM CONTACT: Mary Schollhamer

OW PROGRAM OFFICE: OWM

PERTINENT INFORMATION:

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QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

ANSWERS:

****

Source Information:

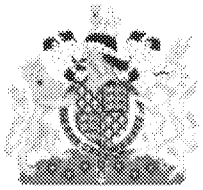
Highlight any source information you have recently used or has been approved before at the program level.

INFORMATION PUBLICLY AVAILABLE: (*LIST SOURCE WITH EACH ANSWER)*

Web-link or source material.

****

John W. Fuld, Ph.D.
U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
Ex. 6 Personal Privacy (PP)
fuld.john@epa.gov
nobilis princeps



Message

From: Blette, Veronica [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=ACDA7532589C4CC8A3D00F978953950C-BLETTE, VERONICA]
Sent: 12/9/2019 6:16:29 PM
To: Schein, Jonah [Schein.Jonah@epa.gov]
Subject: Re: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Why does assumptions on this page say what it says

https://www.epa.gov/watersense/how-watersense-calculator-works

I want to be able to send them to this as a resource. If it's right.

****
Veronica Blette
EPA WaterSense

Sent from my iPhone

On Dec 9, 2019, at 1:13 PM, Schein, Jonah <Schein.Jonah@epa.gov> wrote:

Something is out of whack with the calculator... The excel version is using a value of $9.375/kgal (water and wastewater) and the online tool is using $8.29 (water and wastewater). Both are out of date with the current factoid catalog (and the reference you pointed out) which uses $11.02/kgal which is a 2016 number.

Our most recent estimate for 2019 (based on the 2016 survey) is $12.41/kgal. I could check with LBNL if they've processed the 2018 survey if you like (you'll recall it was slow in coming).

Ex. 5 Deliberative Process (DP)

Let me know if you need me to pull anything together for this request, or look into why the calculator is screwed up.

Jonah Schein
WaterSense
U.S. Environmental Protection Agency
202.564.2720
www.epa.gov/watersense

From: Blette, Veronica <Blette.Veronica@epa.gov>
Sent: Monday, December 09, 2019 12:32 PM
To: Schein, Jonah <Schein.Jonah@epa.gov>
Subject: FW: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

It looks like we use $6.06/kgal for cost of water. I'm not sure how old this is – is it relatively close to what is current? (the excel spreadsheet says it was updated in 2012).

https://www.epa.gov/watersense/watersense-calculator

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

From: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Sent: Monday, December 9, 2019 12:06 PM
To: Blette, Veronica <Blette.Veronica@epa.gov>; Livingston, Beth <Livingston.Beth@epa.gov>
Subject: FW: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Hi Veronica,
Please see below. Note, they want a response by 2pm.

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

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Sent: Monday, December 09, 2019 12:03 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary,

Sorry for the rush …

<!--[if !vml]-->
<image004.png>
<!--[endif]-->**Office of Water**
Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
fuld.john@epa.gov

DATE: December 9, 2019

OUTLET: CBS Money Watch

REPORTER: Rachel Layne

TOPIC: Toilet Flushes

DEADLINE: 2 pm TODAY 12 -9

OPA CONTACT: Angela Hackel

PROGRAM CONTACT: Mary Schollhamer

OW PROGRAM OFFICE: OWM

PERTINENT INFORMATION:

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I see this WaterSense pamphlet from 2017 outlining products and water use, but wondering if there's anything more recent and with estimated costs.

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

ANSWERS:

****
*****

Source Information:
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INFORMATION PUBLICLY AVAILABLE: (*LIST SOURCE WITH EACH ANSWER)*
Web-link or source material.
****
*****

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U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
Ex. 6 Personal Privacy (PP)
fuld.john@epa.gov
nobilis princeps
<image003.png>

Message

From: Hackel, Angela [Hackel.Angela@epa.gov]
Sent: 12/10/2019 1:48:43 PM
To: Risley, David [Risley.David@epa.gov]
CC: Fuld, John [Fuld.John@epa.gov]; Dennis, Allison [Dennis.Allison@epa.gov]
Subject: RE: Inquiry from CBS MoneyWatch

Thanks David. I will let OPA managment know.

From: Risley, David <Risley.David@epa.gov>
Sent: Monday, December 9, 2019 7:55 PM
To: Hackel, Angela <Hackel.Angela@epa.gov>
Cc: Fuld, John <Fuld.John@epa.gov>; Dennis, Allison <Dennis.Allison@epa.gov>
Subject: Re: Inquiry from CBS MoneyWatch

Angela, I'm hearing from the **Ex. 5 Deliberative Process (DP)** Will let you know if that changes.

Sent from my iPhone

On Dec 9, 2019, at 3:00 PM, Hackel, Angela <Hackel.Angela@epa.gov> wrote:

I will let reporter know and see if they will update their story.

From: Fuld, John <Fuld.John@epa.gov>
Sent: Monday, December 9, 2019 2:58 PM
To: Hackel, Angela <Hackel.Angela@epa.gov>; Risley, David <Risley.David@epa.gov>; Dennis, Allison <Dennis.Allison@epa.gov>
Subject: RE: Inquiry from CBS MoneyWatch

Angela,

We have sent this to program but we are not on pace to make the deadline, as I have not received anything back from program and we would still have to have Sr. political review on this one.

John

From: Hackel, Angela <Hackel.Angela@epa.gov>
Sent: Monday, December 09, 2019 11:48 AM
To: Fuld, John <Fuld.John@epa.gov>; Risley, David <Risley.David@epa.gov>; Dennis, Allison <Dennis.Allison@epa.gov>; Klein, Melissa <Klein.Melissa@epa.gov>; Gordon, Brittney <Gordon.Brittney@epa.gov>
Subject: FW: Inquiry from CBS MoneyWatch

Hello,

We have the below inquiry (deadline COB today, I would need OW's response back by 4:00).

Thanks,

Angela

From: Rachel Layne <Ex. 6 Personal Privacy (PP)
Sent: Monday, December 9, 2019 11:38 AM
To: Press <Press@epa.gov>
Subject: Inquiry from CBS MoneyWatch

Hello,
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I see this WaterSense pamphlet from 2017 outlining products and water use, but wondering if there's anything more recent and with estimated costs.

Questions are:
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In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

Thanks very much for any help you can give. My deadline is today.
Thanks,
Rachel Ex. 6 Personal Privacy (PP)

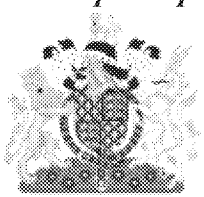
--
Rachel Layne
Reporter/editor/writer/teacher
Ex. 6 Personal Privacy (PP)
rachel_layne@emerson.edu
https://www.linkedin.com/in/rachellayne/
Ex. 6 Personal Privacy (PP)

Message

From: Fuld, John [Fuld.John@epa.gov]
Sent: 12/10/2019 12:00:40 PM
To: Risley, David [Risley.David@epa.gov]; Hackel, Angela [Hackel.Angela@epa.gov]
CC: Dennis, Allison [Dennis.Allison@epa.gov]
Subject: RE: Inquiry from CBS MoneyWatch

I will close on our end, unless something changes.

John W. Fuld, Ph.D.
U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
Ex. 6 Personal Privacy (PP)
fuld.john@epa.gov
nobilis princeps



From: Risley, David <Risley.David@epa.gov>
Sent: Monday, December 09, 2019 7:55 PM
To: Hackel, Angela <Hackel.Angela@epa.gov>
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Thanks,
Rachel Ex. 6 Personal Privacy (PP)

--
Rachel Layne
Reporter/editor/writer/teacher
Ex. 6 Personal Privacy (PP)
rachel_layne@emerson.edu
https://www.linkedin.com/in/rachellayne/
Ex. 6 Personal Privacy (PP)

Message

From: Fuld, John [Fuld.John@epa.gov]
Sent: 12/9/2019 4:57:17 PM
To: Hackel, Angela [Hackel.Angela@epa.gov]; Risley, David [Risley.David@epa.gov]; Dennis, Allison [Dennis.Allison@epa.gov]; Klein, Melissa [Klein.Melissa@epa.gov]; Gordon, Brittney [Gordon.Brittney@epa.gov]
Subject: RE: Inquiry from CBS MoneyWatch

Got it

From: Hackel, Angela <Hackel.Angela@epa.gov>
Sent: Monday, December 09, 2019 11:48 AM
To: Fuld, John <Fuld.John@epa.gov>; Risley, David <Risley.David@epa.gov>; Dennis, Allison <Dennis.Allison@epa.gov>; Klein, Melissa <Klein.Melissa@epa.gov>; Gordon, Brittney <Gordon.Brittney@epa.gov>
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Rachel Layne
Reporter/editor/writer/teacher
Ex. 6 Personal Privacy (PP)
rachel_layne@emerson.edu

https://www.linkedin.com/in/rachellayne/

Ex. 6 Personal Privacy (PP)

Message

From: Dennis.Allison@epa.gov [Dennis.Allison@epa.gov]
Sent: 12/17/2019 2:28:37 PM
To: Risley, David [Risley.David@epa.gov]
Subject: Fwd: Updated WaterSense plan - use this
Attachments: Assessing Consumer Satisfaction Roll Out Plan-v4.docx; ATT00001.htm

Sent from my iPhone

Begin forwarded message:

> **From:** "Sawyers, Andrew" <Sawyers.Andrew@epa.gov>
> **Date:** December 16, 2019 at 10:15:08 PM EST
> **To:** "Dennis, Allison" <Dennis.Allison@epa.gov>, "Schollhamer, Mary" <Schollhamer.Mary@epa.gov>, "Farris, Erika D." <Farris.Erika@epa.gov>
> **Subject: Fwd: Updated WaterSense plan - use this**

Message

From: Dennis.Allison@epa.gov [Dennis.Allison@epa.gov]
Sent: 12/10/2019 4:04:22 PM
To: Risley, David [Risley.David@epa.gov]
Subject: Fwd: Inquiry from CBS MoneyWatch

Can you let lee and Charlotte know ?

Sent from my iPhone

Begin forwarded message:

> **From:** "Hackel, Angela" <Hackel.Angela@epa.gov>
> **Date:** December 10, 2019 at 10:54:41 AM EST
> **To:** "Risley, David" <Risley.David@epa.gov>, "Fuld, John" <Fuld.John@epa.gov>, "Dennis, Allison" <Dennis.Allison@epa.gov>
> **Subject: FW: Inquiry from CBS MoneyWatch**
>
> Please see the below. OPA management asked me to use the below.
>
> Thanks,
>
> Angela
>
> ---
>
> **From:** Hackel, Angela
> **Sent:** Tuesday, December 10, 2019 10:54 AM
> **To:** Rachel Layne < Ex. 6 Personal Privacy (PP) ; Press <Press@epa.gov>
> **Subject:** RE: Inquiry from CBS MoneyWatch
>
> Hi Rachel,
>
> Please see our statement below.
>
> "EPA is working with all federal partners including Department of Energy to review the implementation of the Federal Energy Management Plan and how it's relevant programs interact with it to ensure American consumers have more choice when purchasing water products." - Michael Abboud, EPA spokesman
>
> Also, for further information please visit: https://www.epa.gov/watersense.
>
> Thanks,
>
> Angela
>
> ---
>
> **From:** Hackel, Angela <Hackel.Angela@epa.gov>
> **Sent:** Monday, December 9, 2019 12:12 PM
> **To:** Rachel Layne < Ex. 6 Personal Privacy (PP) ; Press <Press@epa.gov>
> **Subject:** RE: Inquiry from CBS MoneyWatch

Hi Rachel,

I am looking into this for you and I will get back to you as soon as I am able.

Thanks,

Angela

Angela Hackel
Senior Advisor
Office of the Administrator
Office of Public Affairs
U.S. Environmental Protection Agency
Washington, DC 20460
Office: 202.566.2977
Ex. 6 Personal Privacy (PP)

From: Rachel Layne < Ex. 6 Personal Privacy
Sent: Monday, December 9, 2019 11:38 AM
To: Press <Press@epa.gov>
Subject: Inquiry from CBS MoneyWatch

Hello,
I'm a reporter writing a story for CBS MoneyWatch on how much each flush typically costs the consumer given President Trump's remarks on Friday.

I see this WaterSense pamphlet from 2017 outlining products and water use, but wondering if there's anything more recent and with estimated costs.

Questions are:
How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

Thanks very much for any help you can give. My deadline is today.
Thanks,
Rachel Ex. 6 Personal Privacy (PP)

--
Rachel Layne
Reporter/editor/writer/teacher
Ex. 6 Personal Privacy
rachel_layne@emerson.edu
https://www.linkedin.com/in/rachellayne/
Ex. 6 Personal Privacy (PP)

Message

From: Farris, Erika D. [Farris.Erika@epa.gov]
Sent: 12/17/2019 1:53:08 PM
To: Dennis, Allison [Dennis.Allison@epa.gov]
CC: Sylvester, Francis [Sylvester.Francis@epa.gov]
Subject: FW: Updated WaterSense plan - use this
Attachments: Assessing Consumer Satisfaction Roll Out Plan-v4.docx; ATT00001.htm

Good Morning Allison –

Andrew asked me to check in with you about this. He would like to use the attached as the basis for a press release. I think Mary is out all day today. Do you have what you need from us?

Thanks

Erika

From: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Sent: Monday, December 16, 2019 10:15 PM
To: Dennis, Allison <Dennis.Allison@epa.gov>; Schollhamer, Mary <Schollhamer.Mary@epa.gov>; Farris, Erika D. <Farris.Erika@epa.gov>
Subject: Fwd: Updated WaterSense plan - use this

Message

From: Risley, David [Risley.David@epa.gov]
Sent: 12/10/2019 4:05:14 PM
To: Hackel, Angela [Hackel.Angela@epa.gov]; Fuld, John [Fuld.John@epa.gov]; Dennis, Allison [Dennis.Allison@epa.gov]
Subject: RE: Inquiry from CBS MoneyWatch

Angela, is the reference to WaterSense on background and did this already go?

David Risley
EPA Office of Water
Acting Deputy Communications Director
202-343-9177

From: Hackel, Angela <Hackel.Angela@epa.gov>
Sent: Tuesday, December 10, 2019 10:55 AM
To: Risley, David <Risley.David@epa.gov>; Fuld, John <Fuld.John@epa.gov>; Dennis, Allison <Dennis.Allison@epa.gov>
Subject: FW: Inquiry from CBS MoneyWatch

Please see the below. OPA management asked me to use the below.

Thanks,

Angela

From: Hackel, Angela
Sent: Tuesday, December 10, 2019 10:54 AM
To: Rachel Layne < Ex. 6 Personal Privacy ; Press <Press@epa.gov>
Subject: RE: Inquiry from CBS MoneyWatch

Hi Rachel,

Please see our statement below.

"EPA is working with all federal partners including Department of Energy to review the implementation of the Federal Energy Management Plan and how it's relevant programs interact with it to ensure American consumers have more choice when purchasing water products." - Michael Abboud, EPA spokesman

Also, for further information please visit: https://www.epa.gov/watersense.

Thanks,

Angela

From: Hackel, Angela <Hackel.Angela@epa.gov>
Sent: Monday, December 9, 2019 12:12 PM
To: Rachel Layne < Ex. 6 Personal Privacy ; Press <Press@epa.gov>
Subject: RE: Inquiry from CBS MoneyWatch

Hi Rachel,

I am looking into this for you and I will get back to you as soon as I am able.

Thanks,

Angela

Angela Hackel
Senior Advisor
Office of the Administrator
Office of Public Affairs
U.S. Environmental Protection Agency
Washington, DC 20460
Office: 202.566.2977
Ex. 6 Personal Privacy (PP)

From: Rachel Layne Ex. 6 Personal Privacy
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To: Press <Press@epa.gov>
Subject: Inquiry from CBS MoneyWatch

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Rachel Ex. 6 Personal Privacy (PP)

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Rachel Layne
Reporter/editor/writer/teacher
Ex. 6 Personal Privacy
rachel_layne@emerson.edu
https://www.linkedin.com/in/rachellayne/
Ex. 6 Personal Privacy (PP)

Message

From: Dennis, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=9BF7959058B241FAB18E564E9C957B56-ADENNIS]
Sent: 12/17/2019 2:28:38 PM
To: Risley, David [Risley.David@epa.gov]
Subject: Fwd: Updated WaterSense plan - use this
Attachments: Assessing Consumer Satisfaction Roll Out Plan-v4.docx; ATT00001.htm

Sent from my iPhone

Begin forwarded message:

> **From:** "Sawyers, Andrew" <Sawyers.Andrew@epa.gov>
> **Date:** December 16, 2019 at 10:15:08 PM EST
> **To:** "Dennis, Allison" <Dennis.Allison@epa.gov>, "Schollhamer, Mary" <Schollhamer.Mary@epa.gov>, "Farris, Erika D." <Farris.Erika@epa.gov>
> **Subject: Fwd: Updated WaterSense plan - use this**

Message

From: Dennis, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=9BF7959058B241FAB18E564E9C957B56-ADENNIS]
Sent: 12/10/2019 4:04:23 PM
To: Risley, David [Risley.David@epa.gov]
Subject: Fwd: Inquiry from CBS MoneyWatch

Can you let lee and Charlotte know ?

Sent from my iPhone

Begin forwarded message:

> **From:** "Hackel, Angela" <Hackel.Angela@epa.gov>
> **Date:** December 10, 2019 at 10:54:41 AM EST
> **To:** "Risley, David" <Risley.David@epa.gov>, "Fuld, John" <Fuld.John@epa.gov>, "Dennis, Allison" <Dennis.Allison@epa.gov>
> **Subject: FW: Inquiry from CBS MoneyWatch**
>
> Please see the below. OPA management asked me to use the below.
>
> Thanks,
>
> Angela
>
> ---
>
> **From:** Hackel, Angela
> **Sent:** Tuesday, December 10, 2019 10:54 AM
> **To:** Rachel Layne [Ex. 6 Personal Privacy] Press <Press@epa.gov>
> **Subject:** RE: Inquiry from CBS MoneyWatch
>
> Hi Rachel,
>
> Please see our statement below.
>
> "EPA is working with all federal partners including Department of Energy to review the implementation of the Federal Energy Management Plan and how it's relevant programs interact with it to ensure American consumers have more choice when purchasing water products." - Michael Abboud, EPA spokesman
>
> Also, for further information please visit: https://www.epa.gov/watersense.
>
> Thanks,
>
> Angela
>
> ---
>
> **From:** Hackel, Angela <Hackel.Angela@epa.gov>
> **Sent:** Monday, December 9, 2019 12:12 PM
> **To:** Rachel Layne <[Ex. 6 Personal Privacy]> Press <Press@epa.gov>
> **Subject:** RE: Inquiry from CBS MoneyWatch

Hi Rachel,

I am looking into this for you and I will get back to you as soon as I am able.

Thanks,

Angela

Angela Hackel
Senior Advisor
Office of the Administrator
Office of Public Affairs
U.S. Environmental Protection Agency
Washington, DC 20460
Office: 202.566.2977
Ex. 6 Personal Privacy (PP)

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Thanks,
Rachel 1 Ex. 6 Personal Privacy (PP)

--
Rachel Layne
Reporter/editor/writer/teacher
Ex. 6 Personal Privacy
rachel_layne@emerson.edu
https://www.linkedin.com/in/rachellayne/
Ex. 6 Personal Privacy (PP)

Message

From: Miller, Wynne [Miller.Wynne@epa.gov]
Sent: 12/13/2019 9:22:09 PM
To: Forsgren, Lee [Forsgren.Lee@epa.gov]
CC: Sawyers, Andrew [Sawyers.Andrew@epa.gov]
Subject: RE: Updated WaterSense plan
Attachments: Ex. 5 Deliberative Process (DP)

Hi Lee,
Here's the clean version.
Best regards,
Wynne

From: Forsgren, Lee <Forsgren.Lee@epa.gov>
Sent: Friday, December 13, 2019 4:09 PM
To: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Cc: Miller, Wynne <Miller.Wynne@epa.gov>
Subject: RE: Updated WaterSense plan

Woops forgot to attach document.

From: Forsgren, Lee
Sent: Friday, December 13, 2019 4:08 PM
To: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Cc: Miller, Wynne <Miller.Wynne@epa.gov>
Subject: RE: Updated WaterSense plan

Andrew,

Here are my comments and Dave's and my expectations for timelines. Can you clean up the document and get it to me to share this afternoon.

Lee

From: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Sent: Friday, December 13, 2019 12:39 PM
To: Forsgren, Lee <Forsgren.Lee@epa.gov>
Cc: Miller, Wynne <Miller.Wynne@epa.gov>
Subject: Updated WaterSense plan

Hello Lee, please see attached. Ex. 5 Deliberative Process (DP)
Ex. 5 Deliberative Process (DP)
Ex. 5 Deliberative Process (DP) Please let me know if you are comfortable with the plan. Once I get your okay, Wynne and I will work with the team and Allison to roll out.

Message

From: Sawyers, Andrew [Sawyers.Andrew@epa.gov]
Sent: 12/13/2019 5:38:58 PM
To: Forsgren, Lee [Forsgren.Lee@epa.gov]
CC: Miller, Wynne [Miller.Wynne@epa.gov]
Subject: Updated WaterSense plan
Attachments: Assessing Consumer Satisfaction Roll Out Plan-v3.docx; ATT00001.htm

Hello Lee, please see attached. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP) Please let me know if you are comfortable with the plan. Once I get your okay, Wynne and I will work with the team and Allison to roll out.

Message

From: Sawyers, Andrew [Sawyers.Andrew@epa.gov]
Sent: 12/7/2019 3:18:59 AM
To: Forsgren, Lee [Forsgren.Lee@epa.gov]
Subject: Re: Here's the full Pres Trump quote on water

Thanks

Sent from my iPhone

On Dec 6, 2019, at 7:19 PM, Forsgren, Lee <Forsgren.Lee@epa.gov> wrote:

DRAFT: Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

From: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Sent: Friday, December 6, 2019 3:35 PM
To: Abboud, Michael <abboud.michael@epa.gov>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Here's the full Pres Trump quote on water

Hi Mike
This is the quote. Does EPA have a comment about what he is getting at?
Thanks, Tim

"We have a situation where we're looking very strongly at sinks and showers and other elements of bathrooms, where you turn the faucet on in areas where there's tremendous amounts of water, where the water rushes out to sea because you could never handle it, and you don't get any water. You turn on the faucet, you don't get any water. They take a shower and water comes dripping out. It's dripping out, very quietly dripping out. People are flushing toilets 10 times, 15 times, as opposed to once. They end up using more water. So EPA is looking at that very strongly at my suggestion. You go into a new building or a new house or a new home, and they have standards ... where you don't get water. You can't watch your hands practically, there's so little water comes out of the faucet. And the end result is you leave the faucet on and it takes you much longer to wash your hands. You end up using the same amount of water. So we're looking very seriously at opening up the standard. And there may be some areas where we'll go the other route - desert areas - but for the most part, you have many states where they have so much water that it comes down. It's called rain. They don't know what to do with it. So we're going to be opening up that, I believe, and we're looking at changing the standards very soon. And that's a little bit like the lightbulb, where you get a bulb that's better for much less money. We go back, but you have the other alternative. And you'll keep the other alternative with sinks and showers, et cetera, too. But that's been a big problem."

From: Abboud, Michael <abboud.michael@epa.gov>
Sent: Friday, December 6, 2019 2:52 PM
To: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Re: Clarification on President Trump saying EPA looking at water standards at his direction?

Can you send us a link to the article?

Sent from my iPhone

> On Dec 6, 2019, at 2:45 PM, Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com> wrote:
>
> Hi – We just ran the below headline from a President Trump media opportunity where he talked about EPA considering changing water standards at his direction.
> Wonder if you might have any clarification about what he what mentioning.
>
> Many thanks, Tim
>
> TRUMP SAYS U.S. EPA IS LOOKING AT CHANGING WATER STANDARDS AT HIS DIRECTION
>
> Best,
>
> Timothy Gardner
> Reuters
>
> +1 202 898-8360 (desk)
> **Ex. 6 Personal Privacy (PP)**

Message

From: Mejias, Melissa [mejias.melissa@epa.gov]
Sent: 12/16/2019 5:50:11 PM
To: Stephanie Salmon Ex. 6 Personal Privacy
CC: Jackson, Ryan [jackson.ryan@epa.gov]; Forsgren, Lee [Forsgren.Lee@epa.gov]; Kerry Stackpole - PMI [kstackpole@safeplumbing.org]; Dickerson, Aaron [dickerson.aaron@epa.gov]; Hyman, Alana [Hyman.Alana@epa.gov]
Subject: RE: Meeting Request for Administrator Andrew Wheeler and Assistant Administrator Dave Ross with Plumbing Manufacturers International

Hi Stephanie, good afternoon!,

I hope you are having a great start to the week. The meeting request was well received with many thanks. Please allow us a few days to revert with days/times that work with our schedules. In the meantime, please do not hesitate to email or call me if there is anything else we may assist you with.

Best Regards,
Melissa Mejias, Confidential Assistant to
Dave Ross, Assistant Administrator, Office of Water
U.S. Environmental Protection Agency
Room 3226B WJC East
Ex. 6 Personal Privacy (PP)
Email: mejias.melissa@epa.gov

From: Stephanie Salmon Ex. 6 Personal Privacy
Sent: Monday, December 16, 2019 12:13 PM
To: Mejias, Melissa <mejias.melissa@epa.gov>
Cc: Jackson, Ryan <jackson.ryan@epa.gov>; Forsgren, Lee <Forsgren.Lee@epa.gov>; Kerry Stackpole - PMI <kstackpole@safeplumbing.org>
Subject: Meeting Request for Administrator Andrew Wheeler and Assistant Administrator Dave Ross with Plumbing Manufacturers International
Importance: High

Mel
Good afternoon. On behalf of Plumbing Manufacturers International (PMI), please find attached and below our meeting request with Administrator Andrew Wheeler and Assistant Administrator Dave Ross. A group of PMI's member companies would like to the opportunity to meet face-to-face to discuss recent comments made by President Trump concerning low-flow plumbing products and the agency's review of these water efficient plumbing products.

Many thanks for consideration of our meeting request. If you have any questions, please do not hesitate to reach out.

Regards,
Stephanie

Stephanie Salmon
Washington Representative - Plumbing Manufacturers International
25 Massachusetts Ave., NW I Suite 800
Washington, D.C. 20001
Ofc: 202-452-7135 I C Ex. 6 Personal Privacy (PP)
Email: Ex. 6 Personal Privacy

December 16, 2019

The Honorable Andrew Wheeler
Administrator
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, DC. 20460

The Honorable Dave Ross
Assistant Administrator - Office of Water
U. S. Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

PMI Board of Directors

Nate Kogler
Bradley Corporation
President

Joel Smith
Kohler Co
Vice-President
Todd Teter
Moen, Incorporated
Secretary-Treasurer

Peter Jahrling,
Sloan Valve Company
Immediate Past President

Martin Knieps
Viega LLC

Michael Martinez
Delta Faucet Company

Chip Way
Lavelle Industries, Inc.

Dear Administrator Wheeler and Assistant Administrator Ross:

On behalf of Plumbing Manufacturers International (PMI), I am writing to request a meeting with you and a group of our members to discuss President Trump's recent announcement that he has requested the U.S. Environmental Protection Agency (EPA) to review the water efficiency standards governing plumbing fixtures. As manufacturers, PMI members have direct experience producing water-efficient plumbing products for over two decades, as well as direct involvement in water efficiency standards. We would welcome the opportunity to discuss these experiences.

By way of background, PMI is the nation's leading trade association for plumbing product manufacturers. Its members produce 90 percent of the plumbing products sold in the United States and employ over 460,000 workers (directly and indirectly) in over 70 locations in 25 states. Our member companies' plumbing products are found in most homes, commercial buildings, schools, restaurants, manufacturing facilities, hospitals, and hotels across the nation. Examples of these products include but are not limited to toilets, urinals, showerheads, kitchen and bathroom faucets, fixture fittings, sinks, whirlpools/tubs, and waste disposal systems.

Over the past 25 years, PMI member companies have invested millions of dollars annually in research and development to produce thousands of innovative, highly engineered plumbing products that that allow consumers to choose the products that best meet their needs and values. These products meet the federal minimum flow rate standards and/or the voluntary WaterSense levels. Our manufacturers continue to raise the bar in developing the most advanced water-efficient plumbing products, without sacrificing performance. They are performance-based and require independent, third-party certification. Consumers, home improvement stores and Consumer Reports have reported for years high levels of satisfaction with the performance of WaterSense

plumbing products across the board.

Use of low-flush toilets started in the 1990s after President George H.W. Bush signed the Energy Policy Act. The 1992 law said new toilets could use no more than 1.6 gallons of water per flush. The law went into effect in 1994 for residential buildings and 1997 for commercial structures.

PMI and its members have proudly participated in the EPA WaterSense program since its inception in 20006, when it was created at the EPA during the George W. Bush Administration. Plumbing manufacturers have now developed more than 30,000 models of WaterSense-labeled products for bathrooms (toilets, showerheads, faucets, and urinals).

I look forward to hearing from you about potential meeting dates to discuss this important matter. In the meantime, if you or your staff have any questions or need additional information, please contact me or Stephanie Salmon in the PMI Washington Office at Ex. 6 Personal Privacy or 202-452-7135.

Sincerely,

Kerry Stackpole
CEO/Executive Director
Plumbing Manufacturers International
kstackpole@safeplumbing.org

cc: Ryan Jackson, Chief of Staff, EPA
Lee Forsgren, **Deputy Assistant Administrator, Office of Water, EPA**
PMI Board of Directors

KCS:tbm

PMI Members

**Bradley Corporation *BrassCraft Mfg. Co. *CSA Group *Delta Faucet Company *Dornbracht Americas *Duravit USA *Fisher Manufacturing Company *Fluidmaster, Inc. *Franke *Globe Union Group, Inc.*Hansgrohe, Inc. *Haws Corporation *IAPMO *InSinkErator *International Code Council Evaluation Service *KEROX *Kohler Co *Lavelle Industries, Inc. *LIXIL*
**Moen Incorporated *NEOPERL, Inc. *NSF International *Pfister *Reliance Worldwide Corporation *Similor AG *Sloan Valve Company*
**Speakman Company *Sprite *Symmons Industries, Inc. *T & S Brass and Bronze Works, Inc.*TOTO USA *Viega LLC *WaterPik *WCM Industries, Inc.*

PLUMBING MANUFACTURERS INTERNATIONAL

PMI Board of Directors

Nate Kogler
Bradley Corporation
President

Joel Smith
Kohler Co
Vice-President

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Secretary-Treasurer

Peter Jahrling,
Sloan Valve Company
Immediate Past President

Martin Knieps
Viega LLC

Michael Martinez
Delta Faucet Company

Chip Way
Lavelle Industries, Inc.

December 16, 2019

The Honorable Andrew Wheeler
Administrator
Water
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, DC. 20460

The Honorable Dave Ross
Assistant Administrator Office of

U. S. Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

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On behalf of Plumbing Manufacturers International (PMI), I am writing to request a meeting with you and a group of our members to discuss President Trump's recent announcement that he has requested the U.S. Environmental Protection Agency (EPA) to review the water efficiency standards governing plumbing fixtures. As manufacturers, PMI members have direct experience producing water-efficient plumbing products for over two decades, as well as direct involvement in water efficiency standards. We would welcome the opportunity to discuss these experiences.

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Sincerely,

Kerry Stackpole
CEO/Executive Director
Plumbing Manufacturers International
kstackpole@safeplumbing.org

cc: Ryan Jackson, Chief of Staff, EPA
Lee Forsgren, Deputy Assistant Administrator, Office of Water, EPA
PMI Board of Directors

KCS:tbm

PMI Members

*Bradley Corporation *BrassCraft Mfg. Co. *CSA Group *Delta Faucet Company *Dornbracht Americas *Duravit USA *Fisher Manufacturing Company *Fluidmaster, Inc. *Franke *Globe Union Group, Inc.*Hansgrohe, Inc. *Haws Corporation *IAPMO *InSinkErator *International Code Council Evaluation Service *KEROX *Kohler Co *Lavelle Industries, Inc. *LIXIL *Moen Incorporated *NEOPERL, Inc. *NSF International *Pfister *Reliance Worldwide Corporation *Similor AG *Sloan Valve Company *Speakman Company *Sprite *Symmons Industries, Inc. *T & S Brass and Bronze Works, Inc.*TOTO USA *Viega LLC *WaterPik *WCM Industries, Inc.

Plumbing Manufacturers International | 1750 Tysons Blvd | Suite 1500 | McLean, Virginia 22102
Tel: 847-481-5500 - Visit us at [HYPERLINK "http://www.safeplumbing.org"]

Message

From: Miller, Wynne [Miller.Wynne@epa.gov]
Sent: 12/7/2019 1:57:08 PM
To: Sawyers, Andrew [Sawyers.Andrew@epa.gov]
CC: Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Stein, Raffael [Stein.Raffael@epa.gov]; Tanner, Stephanie [Tanner.Stephanie@epa.gov]; Schollhamer, Mary [Schollhamer.Mary@epa.gov]
Subject: RE: December 6 -- E&E News PM is ready

Andrew … here's a copy of the article.

***

Trump complains about low-flow toilets

Kelsey Brugger and Lesley Clark, E&E News reporters Published: Friday, December 6, 2019

President Trump today complained that Americans have to flush the toilet multiple times and directed EPA to look at "opening up" water standards.

"People are flushing toilets 10 times, 15 times, as opposed to once," he said at the White House at an event on his deregulatory agenda. "They end up using more water."

His comments, which went viral on Twitter, veered from bashing energy efficiency rules of toilets, lightbulbs, showerheads and cars.

The government for decades has required that a variety of household products follow energy-saving standards, an issue that had long enjoyed bipartisan support.

Trump has in recent months expressed disdain for lightbulbs at a time when his administration repealed Obama-era rules. The toilet-flushing complaints seemed to be new.

"We're looking very strongly at sinks and showers and other elements of bathrooms. Where you turn the faucet on, in areas where there's tremendous amounts of water, where water rushes out to sea because you could never handle it, you don't get any water — you turn on that faucet, you don't get any water," he said.

"They take a shower, the water is dripping out, very quietly dripping out," the president said.

Trump insisted that at his suggestion EPA was looking "very strongly" at "opening up the standard."

By the White House's numbers, Trump has cut regulatory costs by more than $50 billion from nearly 400 actions at two dozen agencies. That translates to 7 ½ rollbacks for every new regulation.

The Trump philosophy has been to cut two regulations for every new one implemented. The administration has axed guidance documents — which are weaker than regulations — at high rates, and officials said they have greatly exceeded their two-out-one-in goals.

The president today also vowed to "remove costly burdens to make cars safer and more affordable."

He continued that the administration is at odds with California, saying the state, in order "to save a tiny amount of fuel, of which we have plenty," has enacted tougher emissions standards on cars.

"We can make cars much less expensive, much better and much stronger and about the same from an environmental standpoint, very close," he said.

"Our cars are much safer, they're much cheaper, they're much better, the reason they are safer is because they can be heavy. Because right now the cars are made out of papier-mache. We allow steel content."

Trump said the car companies that are siding with the California standards are the ones "that want to be politically correct."

******

From: "Sawyers, Andrew" <Sawyers.Andrew@epa.gov>
Date: December 6, 2019 at 5:14:48 PM EST
To: "Schollhamer, Mary" <Schollhamer.Mary@epa.gov>, "Stein, Raffael" <Stein.Raffael@epa.gov>, "Miller, Wynne" <Miller.Wynne@epa.gov>, "Tanner, Stephanie" <Tanner.Stephanie@epa.gov>, "Gueriguian, Leo" <Gueriguian.Leo@epa.gov>
Subject: Fwd: December 6 -- E&E News PM is ready

FYI - do you have access to the document?

Sent from my iPhone

Begin forwarded message:

> **From:** "Mclain, Jennifer" <Mclain.Jennifer@epa.gov>
> **Date:** December 6, 2019 at 4:45:58 PM EST
> **To:** "Sawyers, Andrew" <Sawyers.Andrew@epa.gov>
> **Subject: FW: December 6 -- E&E News PM is ready**

From: E&E News <ealerts@eenews.net>
Sent: Friday, December 6, 2019 4:36 PM
To: Mclain, Jennifer <Mclain.Jennifer@epa.gov>
Subject: December 6 -- E&E News PM is ready

Read today's E&E News PM on the web

E&E NEWS PM

AN E&E NEWS PUBLICATION

E&E NEWS PM — Fri., December 6, 2019

READ FULL EDITION

1. WHITE HOUSE:

Trump complains about low-flow toilets

President Trump today complained that Americans have to flush the toilet multiple times and directed EPA to look at "opening up" water standards.

THIS AFTERNOON'S STORIES

2. CHEMICALS:

Carper slams senior House Dems, Republicans for PFAS flop

3. LAW:

DOJ urges overhaul for Administrative Procedure Act

4. CLEAN WATER ACT:

White House starts reviewing WOTUS rewrite

5. AIR POLLUTION:

EPA inches forward on new standards for cancer-causing gas

6. WILD HORSES:

Trump admin to test mare birth control vaccine

7. CLIMATE:

Kyra Sedgwick, Taylor Schilling, Maura Tierney protest

UPCOMING HEARINGS AND MARKUPS

8. CALENDAR:

Activity for December 2 - December 8, 2019

Get all of the stories in today's E&E News PM, plus an in-depth archive with thousands of articles on your issues, detailed Special Reports and much more at https://www.eenewspm.com.

Forgot your passcodes? Call us at 202-628-6500 now and we'll set you up instantly.

To send a press release, fax 202-737-5299 or email editorial@eenews.net.

ABOUT E&E NEWS PM – LATE-BREAKING NEWS

E&E News PM is written and produced by the staff of E&E News. A late afternoon roundup providing coverage of all the breaking and developing policy news from Capitol Hill, around the country and around the world, E&E News PM is a must-read for the key players who need to be ahead of the next day's headlines. E&E News PM publishes daily at 4:30 p.m.

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122 C Street NW 7th Floor Washington, DC 20001
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www.eenews.net

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Prefer plain text? Click here.

Message

From: Blette, Veronica [Blette.Veronica@epa.gov]
Sent: 12/12/2019 10:43:58 PM
To: Sawyers, Andrew [Sawyers.Andrew@epa.gov]
CC: Stein, Raffael [Stein.Raffael@epa.gov]; Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Tanner, Stephanie [Tanner.Stephanie@epa.gov]
Subject: Updated WaterSense plan
Attachments: Assessing Consumer Satisfaction Roll Out Plan-v3.docx

Please let me know if any questions.

Veronica

****

Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

Message

From: Blette, Veronica [Blette.Veronica@epa.gov]
Sent: 12/12/2019 7:47:24 PM
To: Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Tanner, Stephanie [Tanner.Stephanie@epa.gov]; Schein, Jonah [Schein.Jonah@epa.gov]
Subject: Ex. 5 Deliberative Process (DP)
Attachments: Ex. 5 Deliberative Process (DP)

Let me know if you have any comments this new version. It reflects feedback I received from Andrew (he received from Lee).

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

Message

From: Blette, Veronica [Blette.Veronica@epa.gov]
Sent: 12/17/2019 3:16:15 PM
To: Sawyers, Andrew [Sawyers.Andrew@epa.gov]
CC: Stein, Raffael [Stein.Raffael@epa.gov]; Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Miller, Wynne [Miller.Wynne@epa.gov]; Tanner, Stephanie [Tanner.Stephanie@epa.gov]
Subject: RE: WaterSense desk statement
Attachments: Final_WS Product Specification Review Decision Report_121719.pdf

Here is the report.

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

From: Blette, Veronica
Sent: Tuesday, December 17, 2019 9:35 AM
To: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Cc: Stein, Raffael <Stein.Raffael@epa.gov>; Gueriguian, Leo <Gueriguian.Leo@epa.gov>; Miller, Wynne <Miller.Wynne@epa.gov>; Stephanie Tanner <Tanner.Stephanie@epa.gov>
Subject: WaterSense desk statement

See attached proposed desk statement/Q&As.

We will have final copy of the report documenting our review during 2019 in the next hour or so – just adding a table of contents and fixing some links.

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

Message

From: Stein, Raffael [Stein.Raffael@epa.gov]
Sent: 12/11/2019 2:02:35 PM
To: Gueriguian, Leo [Gueriguian.Leo@epa.gov]
Subject: Fwd: WaterSense and consumer satisfaction
Attachments: Assessing Consumer Satisfaction Roll Out Plan.docx; ATT00001.htm

Please take the lead for giving feedback on this given that I'm out today.

Sent from my iPhone

Begin forwarded message:

> **From:** "Blette, Veronica" <Blette.Veronica@epa.gov>
> **Date:** December 10, 2019 at 5:53:26 PM EST
> **To:** "Sawyers, Andrew" <Sawyers.Andrew@epa.gov>, "Stein, Raffael" <Stein.Raffael@epa.gov>, "Gueriguian, Leo" <Gueriguian.Leo@epa.gov>, "Tanner, Stephanie" <Tanner.Stephanie@epa.gov>
> **Cc:** "Livingston, Beth" <Livingston.Beth@epa.gov>, "Schein, Jonah" <Schein.Jonah@epa.gov>
> **Subject: WaterSense and consumer satisfaction**
>
> Here is a draft plan – please review and let's discuss Wednesday before sending to Lee or externally.
>
> **********
> Veronica Blette
> Chief, WaterSense Branch
> EPA Office of Wastewater Management
> Phone: 202-564-4094
> https://www.epa.gov/watersense
> **********
> Check us out on Facebook: http://www.facebook.com/epawatersense
> and Twitter: http://www.twitter.com/epawatersense

Message

From: Jackson, Ryan [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=38BC8E18791A47D88A279DB2FEC8BD60-JACKSON, RY]
Sent: 12/6/2019 9:03:44 PM
To: Andrew Wheeler; Ex. 6 Personal Privacy
Subject: FW: Here's the full Pres Trump quote on water

FYI.

From: Ross, David P <ross.davidp@epa.gov>
Sent: Friday, December 6, 2019 3:51 PM
To: Abboud, Michael <abboud.michael@epa.gov>
Cc: Jackson, Ryan <jackson.ryan@epa.gov>; Wildeman, Anna <wildeman.anna@epa.gov>; Kramer, Jessica L. <kramer.jessical@epa.gov>; Forsgren, Lee <Forsgren.Lee@epa.gov>; Woods, Andrea <Woods.Andrea@epa.gov>; Block, Molly <block.molly@epa.gov>; Johnson, Taylor <Johnson.Taylor.C@epa.gov>; McFaul, Jessica <mcfaul.jessica@epa.gov>; Schiermeyer, Corry <schiermeyer.corry@epa.gov>
Subject: Re: Here's the full Pres Trump quote on water

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP) Our Watersense program sits on top of those standards. It is a voluntary program, but was signed into law as an official EPA program by the President late last year.....

Lee is running point on this and has my proxy.

Sent from my iPhone

On Dec 6, 2019, at 2:40 PM, Abboud, Michael <abboud.michael@epa.gov> wrote:

Ex. 5 Deliberative Process (DP)

From: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Sent: Friday, December 6, 2019 3:35 PM
To: Abboud, Michael <abboud.michael@epa.gov>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Here's the full Pres Trump quote on water

Hi Mike
This is the quote. Does EPA have a comment about what he is getting at?
Thanks, Tim

"We have a situation where we're looking very strongly at sinks and showers and other elements of bathrooms, where you turn the faucet on in areas where there's tremendous amounts of water, where the water rushes out to sea because you could never handle it, and you don't get any water. You turn on the faucet, you don't get any water. They take a shower and water comes dripping out. It's dripping out, very quietly dripping out. People are flushing toilets 10 times, 15 times, as opposed to once. They end up using more water. So EPA is looking at that very strongly at my suggestion. You go into a new building or a new house or a new home, and they have standards

... where you don't get water. You can't watch your hands practically, there's so little water comes out of the faucet. And the end result is you leave the faucet on and it takes you much longer to wash your hands. You end up using the same amount of water. So we're looking very seriously at opening up the standard. And there may be some areas where we'll go the other route - desert areas - but for the most part, you have many states where they have so much water that it comes down. It's called rain. They don't know what to do with it. So we're going to be opening up that, I believe, and we're looking at changing the standards very soon. And that's a little bit like the lightbulb, where you get a bulb that's better for much less money. We go back, but you have the other alternative. And you'll keep the other alternative with sinks and showers, et cetera, too. But that's been a big problem."

From: Abboud, Michael <abboud.michael@epa.gov>
Sent: Friday, December 6, 2019 2:52 PM
To: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Re: Clarification on President Trump saying EPA looking at water standards at his direction?

Can you send us a link to the article?

Sent from my iPhone

> On Dec 6, 2019, at 2:45 PM, Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com> wrote:
>
> Hi – We just ran the below headline from a President Trump media opportunity where he talked about EPA considering changing water standards at his direction.
> Wonder if you might have any clarification about what he what mentioning.
>
> Many thanks, Tim
>
> TRUMP SAYS U.S. EPA IS LOOKING AT CHANGING WATER STANDARDS AT HIS DIRECTION
>
> Best,
>
> Timothy Gardner
> Reuters
>
> +1 202 898-8360 (desk)
> **Ex. 6 Personal Privacy (PP)**

Message

From: Risley.David@epa.gov [Risley.David@epa.gov]
Sent: 12/10/2019 12:25:17 AM
To: Fuld, John [Fuld.John@epa.gov]
CC: Schollhamer, Mary [Schollhamer.Mary@epa.gov]
Subject: Re: RESPONSE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Will do.

Sent from my iPhone

On Dec 9, 2019, at 4:54 PM, Fuld, John <Fuld.John@epa.gov> wrote:

Thanks

David can you find out from Sr Mgt

Sent from my iPhone

On Dec 9, 2019, at 4:52 PM, Schollhamer, Mary <Schollhamer.Mary@epa.gov> wrote:

Hi John,

I'm leaning toward this response not going out – but if they'd like to issue it, here it is:

1. How much does a typical flush cost as a part of a typical overall water bill?

   Ex. 5 Deliberative Process (DP)

2. What can consumers do to change it?

   Ex. 5 Deliberative Process (DP)

3. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

   Ex. 5 Deliberative Process (DP)

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Fuld, John <Fuld.John@epa.gov>
Sent: Monday, December 09, 2019 12:03 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary,

Sorry for the rush …

<!--[if !vml]-->
<image003.png>
<!--[endif]-->**Office of Water**

Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
fuld.john@epa.gov

DATE: December 9, 2019

OUTLET: CBS Money Watch

REPORTER: Rachel Layne

TOPIC: Toilet Flushes

DEADLINE: 2 pm TODAY 12 -9

OPA CONTACT: Angela Hackel

PROGRAM CONTACT: Mary Schollhamer

OW PROGRAM OFFICE: OWM

PERTINENT INFORMATION:

I'm a reporter writing a story for CBS MoneyWatch on how much each flush typically costs the consumer given President Trump's remarks on Friday.

I see this WaterSense pamphlet from 2017 outlining products and water use, but wondering if there's anything more recent and with estimated costs.

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

ANSWERS:

****
****

Source Information:

Highlight any source information you have recently used or has been approved before at the program level.

INFORMATION PUBLICLY AVAILABLE: (*LIST SOURCE WITH EACH ANSWER)*

Web-link or source material.

****
****

John W. Fuld, Ph.D.
U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
(Ex. 6 Personal Privacy (PP)
fuld.john@epa.gov
nobilis princeps
<image004.png>

Message

Sent: 12/17/2019 2:42:17 PM
To: Drinkard, Andrea [Drinkard.Andrea@epa.gov]
CC: Forsgren, Lee [Forsgren.Lee@epa.gov]; Dennis, Allison [Dennis.Allison@epa.gov]
Subject: FW: Updated WaterSense plan - use this
Attachments: Assessing Consumer Satisfaction Roll Out Plan-v4.docx; ATT00001.htm

Andrea, OW is developing a press release or statement (will clarify soon) and comms plan announcing the following. Timing is ASAP.

In EPA's ongoing effort to evaluate and improve its programs, t Ex. 5 Deliberative Process (DP)
Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

David Risley
EPA Office of Water
Acting Deputy Communications Director
202-343-9177

From: Dennis, Allison <Dennis.Allison@epa.gov>
Sent: Tuesday, December 17, 2019 9:29 AM
To: Risley, David <Risley.David@epa.gov>
Subject: Fwd: Updated WaterSense plan - use this

Sent from my iPhone

Begin forwarded message:

> **From:** "Sawyers, Andrew" <Sawyers.Andrew@epa.gov>
> **Date:** December 16, 2019 at 10:15:08 PM EST
> **To:** "Dennis, Allison" <Dennis.Allison@epa.gov>, "Schollhamer, Mary" <Schollhamer.Mary@epa.gov>, "Farris, Erika D." <Farris.Erika@epa.gov>
> **Subject: Fwd: Updated WaterSense plan - use this**

Message

From: Fuld, John [Fuld.John@epa.gov]
Sent: 12/9/2019 9:54:17 PM
To: Schollhamer, Mary [Schollhamer.Mary@epa.gov]
CC: Risley, David [Risley.David@epa.gov]
Subject: Re: RESPONSE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Thanks

David can you find out from Sr Mgt

Sent from my iPhone

On Dec 9, 2019, at 4:52 PM, Schollhamer, Mary <Schollhamer.Mary@epa.gov> wrote:

Hi John,

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1. How much does a typical flush cost as a part of a typical overall water bill?
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3. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?
   Ex. 5 Deliberative Process (DP)

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Fuld, John <Fuld.John@epa.gov>
Sent: Monday, December 09, 2019 12:03 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary,

Sorry for the rush ...

<!--[if !vml]-->
<image003.png>

<!--[endif]-->**Office of Water**

Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
fuld.john@epa.gov

DATE: December 9, 2019

OUTLET: CBS Money Watch

REPORTER: Rachel Layne

TOPIC: Toilet Flushes

DEADLINE: 2 pm TODAY 12 -9

OPA CONTACT: Angela Hackel

PROGRAM CONTACT: Mary Schollhamer

OW PROGRAM OFFICE: OWM

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ANSWERS:

****
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Source Information:

Highlight any source information you have recently used or has been approved before at the program level.
INFORMATION PUBLICLY AVAILABLE: (*LIST SOURCE WITH EACH ANSWER)*
Web-link or source material.
****
*****

John W. Fuld, Ph.D.
U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
Ex. 6 Personal Privacy (PP)
fuld.john@epa.gov
nobilis princeps
<image004.png>

Message

From: Schollhamer, Mary [Schollhamer.Mary@epa.gov]
Sent: 12/9/2019 8:09:34 PM
To: Fuld, John [Fuld.John@epa.gov]
CC: Risley, David [Risley.David@epa.gov]
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Apologies – it's almost ready.

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Fuld, John <Fuld.John@epa.gov>
Sent: Monday, December 09, 2019 2:17 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Cc: Risley, David <Risley.David@epa.gov>
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Hi Mary,

We need an update on this one please.

John

From: Fuld, John
Sent: Monday, December 09, 2019 1:35 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

How this coming? We have to have Sr. Political review this one ☺

From: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Sent: Monday, December 09, 2019 12:05 PM
To: Fuld, John <Fuld.John@epa.gov>
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Got it. Ty.

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)

schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Fuld, John <Fuld.John@epa.gov>
Sent: Monday, December 09, 2019 12:03 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary,

Sorry for the rush ...

Office of Water Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
fuld.john@epa.gov

DATE: December 9, 2019

OUTLET: CBS Money Watch

REPORTER: Rachel Layne

TOPIC: Toilet Flushes

DEADLINE: 2 pm TODAY 12 -9

OPA CONTACT: Angela Hackel

PROGRAM CONTACT: Mary Schollhamer

OW PROGRAM OFFICE: OWM

PERTINENT INFORMATION:

I'm a reporter writing a story for CBS MoneyWatch on how much each flush typically costs the consumer given President Trump's remarks on Friday.

I see this WaterSense pamphlet from 2017 outlining products and water use, but wondering if there's anything more recent and with estimated costs.

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

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ANSWERS:

****

Source Information:

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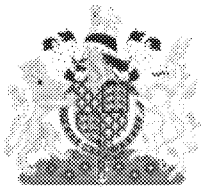
INFORMATION PUBLICLY AVAILABLE: (*LIST SOURCE WITH EACH ANSWER)*

Web-link or source material.

****

John W. Fuld, Ph.D.
U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
Ex. 6 Personal Privacy (PP)
fuld.john@epa.gov
nobilis princeps



Message

From: Sylvester, Francis [Sylvester.Francis@epa.gov]
Sent: 12/17/2019 2:17:38 PM
To: Risley, David [Risley.David@epa.gov]
Subject: FW: Updated WaterSense plan - use this
Attachments: Assessing Consumer Satisfaction Roll Out Plan-v4.docx; ATT00001.htm

Frank Sylvester
U.S. Environmental Protection Agency
Office of Wastewater Management
Desk: (202) 564-1279
Mobile: Ex. 6 Personal Privacy
sylvester.francis@epa.gov

From: Farris, Erika D. <Farris.Erika@epa.gov>
Sent: Tuesday, December 17, 2019 8:53 AM
To: Dennis, Allison <Dennis.Allison@epa.gov>
Cc: Sylvester, Francis <Sylvester.Francis@epa.gov>
Subject: FW: Updated WaterSense plan - use this

Good Morning Allison –

Andrew asked me to check in with you about this. He would like to use the attached as the basis for a press release. I think Mary is out all day today. Do you have what you need from us?

Thanks

Erika

From: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Sent: Monday, December 16, 2019 10:15 PM
To: Dennis, Allison <Dennis.Allison@epa.gov>; Schollhamer, Mary <Schollhamer.Mary@epa.gov>; Farris, Erika D. <Farris.Erika@epa.gov>
Subject: Fwd: Updated WaterSense plan - use this

Message

From: Risley, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=87A934537A26490DA444A899065E3E2A-DRISLEY]
Sent: 12/10/2019 12:25:19 AM
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CC: Schollhamer, Mary [Schollhamer.Mary@epa.gov]
Subject: Re: RESPONSE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Will do.

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Sent from my iPhone

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Communications Director
Office of Wastewater Management
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Office: 202-564-5759
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schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

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Sent: Monday, December 09, 2019 12:03 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary,

Sorry for the rush …

<!--[if !vml]-->
<image003.png>
<!--[endif]-->**Office of Water**

Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
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DATE: December 9, 2019

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REPORTER: Rachel Layne

TOPIC: Toilet Flushes

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PERTINENT INFORMATION:

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I see this WaterSense pamphlet from 2017 outlining products and water use, but wondering if there's anything more recent and with estimated costs.

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

ANSWERS:

****
****

Source Information:

Highlight any source information you have recently used or has been approved before at the program level.

INFORMATION PUBLICLY AVAILABLE: (*LIST SOURCE WITH EACH ANSWER)*

Web-link or source material.

****
****

John W. Fuld, Ph.D.
U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
Ex. 6 Personal Privacy (PP)
fuld.john@epa.gov
nobilis princeps
<image004.png>

Message

From: ross.davidp@epa.gov [ross.davidp@epa.gov]
Sent: 12/11/2019 1:04:29 AM
To: McDonough, Owen [mcdonough.owen@epa.gov]
Subject: Fwd: Toilets, faucets and showerheads controversy

Owen,

Please talk to me before responding. Thanks.

Dave

Sent from my iPhone

Begin forwarded message:

> **From:** Russ Horner <Russ_Horner@watermgt.com>
> **Date:** December 10, 2019 at 2:09:56 PM EST
> **To:** "McDonough, Owen" <mcdonough.owen@epa.gov>
> **Cc:** "Ross, David P" <ross.davidp@epa.gov>
> **Subject: Toilets, faucets and showerheads controversy**
>
> Owen –
>
> You may not have seen the below message that I sent to you this weekend, so I am forwarding it to you so that it can come to the top of your in-box.
>
> *Best Regards,*
>
> Russ Horner
>
> WATER MANAGEMENT INC.
>
> W: 703-370-9070 x113
> Ex. 6 Personal Privacy (PP)
>
> ---
>
> > **From:** Russ Horner
> > **Sent:** Saturday, December 07, 2019 10:36 AM
> > **To:** Owen McDonough (mcdonough.owen@epa.gov) <mcdonough.owen@epa.gov>
> > **Cc:** Dave Ross (ross.davidp@epa.gov) <ross.davidp@epa.gov>
> > **Subject:** Message from Water Management regarding WaterSense guidelines
> >
> > Dr. McDonough,
> >
> > Hello. This is Rusty Horner. Your grandmother and my mother were best friends. Also you are friends with Ginny (my niece) and Ryan her husband. I have co-presented at numerous water conferences with Veronica Blette and Jonah Schein from EPA WaterSense. With some modesty, I believe that as the co-founder of

Water Management and Charter Member of the Alliance for Water Efficiency our firm has incredible amounts of knowledge that can assist EPA's Office of Water in addressing some of the recent concerns from President Trump about showers, toilets and faucets.

In addition we have considerable knowledge regarding the alarming depletion of our aquifers and what can be done to help solve this urgent problem. Would you have time for a meeting this week so that I can share some information with you?

Best Regards,

Russ Horner
President
WATER MANAGEMENT INC.
W: 703-370-9070 x113
Ex. 6 Personal Privacy (PP)

Message

From: Ross, David P [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=119CD8B52DD14305A84863124AD6D8A6-ROSS, DAVID]
Sent: 12/11/2019 1:04:30 AM
To: McDonough, Owen [mcdonough.owen@epa.gov]
Subject: Fwd: Toilets, faucets and showerheads controversy

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President
WATER MANAGEMENT INC.
W: 703-370-9070 x113
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Message

From: Sawyers.Andrew@epa.gov [Sawyers.Andrew@epa.gov]
Sent: 12/17/2019 3:15:06 AM
To: Dennis, Allison [Dennis.Allison@epa.gov]; Schollhamer, Mary [Schollhamer.Mary@epa.gov]; Farris, Erika D. [Farris.Erika@epa.gov]
Subject: Fwd: Updated WaterSense plan - use this
Attachments: Assessing Consumer Satisfaction Roll Out Plan-v4.docx; ATT00001.htm

Message

From: Sawyers.Andrew@epa.gov [Sawyers.Andrew@epa.gov]
Sent: 12/13/2019 9:22:57 PM
To: Blette, Veronica [Blette.Veronica@epa.gov]
CC: Stein, Raffael [Stein.Raffael@epa.gov]; Gueriguian, Leo [Gueriguian.Leo@epa.gov]; Miller, Wynne [Miller.Wynne@epa.gov]
Subject: Fwd: Updated WaterSense plan
Attachments: Assessing Consumer Satisfaction Roll Out Plan-v3- dlf.docx; ATT00001.htm

Sent from my iPhone

Begin forwarded message:

> **From:** "Forsgren, Lee" <Forsgren.Lee@epa.gov>
> **Date:** December 13, 2019 at 4:08:33 PM EST
> **To:** "Sawyers, Andrew" <Sawyers.Andrew@epa.gov>
> **Cc:** "Miller, Wynne" <Miller.Wynne@epa.gov>
> **Subject: RE: Updated WaterSense plan**
>
> Woops forgot to attach document.
>
> ---
>
> **From:** Forsgren, Lee
> **Sent:** Friday, December 13, 2019 4:08 PM
> **To:** Sawyers, Andrew <Sawyers.Andrew@epa.gov>
> **Cc:** Miller, Wynne <Miller.Wynne@epa.gov>
> **Subject:** RE: Updated WaterSense plan
>
> Andrew,
>
> Here are my comments and Dave's and my expectations for timelines. Can you clean up the document and get it to me to share this afternoon.
>
> Lee
>
> ---
>
> **From:** Sawyers, Andrew <Sawyers.Andrew@epa.gov>
> **Sent:** Friday, December 13, 2019 12:39 PM
> **To:** Forsgren, Lee <Forsgren.Lee@epa.gov>
> **Cc:** Miller, Wynne <Miller.Wynne@epa.gov>
> **Subject:** Updated WaterSense plan
>
> Hello Lee, please see attached. Ex. 5 Deliberative Process (DP)
> Ex. 5 Deliberative Process (DP)
> Ex. 5 Deliberative Process (DP) Please let me know if you are comfortable with the plan. Once I get your okay, Wynne and I will work with the team and Allison to roll out.

Message

From: Sawyers.Andrew@epa.gov [Sawyers.Andrew@epa.gov]
Sent: 12/7/2019 3:18:58 AM
To: Forsgren, Lee [Forsgren.Lee@epa.gov]
Subject: Re: Here's the full Pres Trump quote on water

Thanks

Sent from my iPhone

On Dec 6, 2019, at 7:19 PM, Forsgren, Lee <Forsgren.Lee@epa.gov> wrote:

DRAFT: **Ex. 5 Deliberative Process (DP)**

Ex. 5 Deliberative Process (DP)

From: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Sent: Friday, December 6, 2019 3:35 PM
To: Abboud, Michael <abboud.michael@epa.gov>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Here's the full Pres Trump quote on water

Hi Mike
This is the quote. Does EPA have a comment about what he is getting at?
Thanks, Tim

"We have a situation where we're looking very strongly at sinks and showers and other elements of bathrooms, where you turn the faucet on in areas where there's tremendous amounts of water, where the water rushes out to sea because you could never handle it, and you don't get any water. You turn on the faucet, you don't get any water. They take a shower and water comes dripping out. It's dripping out, very quietly dripping out. People are flushing toilets 10 times, 15 times, as opposed to once. They end up using more water. So EPA is looking at that very strongly at my suggestion. You go into a new building or a new house or a new home, and they have standards ... where you don't get water. You can't watch your hands practically, there's so little water comes out of the faucet. And the end result is you leave the faucet on and it takes you much longer to wash your hands. You end up using the same amount of water. So we're looking very seriously at opening up the standard. And there may be some areas where we'll go the other route - desert areas - but for the most part, you have many states where they have so much water that it comes down. It's called rain. They don't know what to do with it. So we're going to be opening up that, I believe, and we're looking at changing the standards very soon. And that's a little bit like the lightbulb, where you get a bulb that's better for much less money. We go back, but you have the other alternative. And you'll keep the other alternative with sinks and showers, et cetera, too. But that's been a big problem."

From: Abboud, Michael <abboud.michael@epa.gov>
Sent: Friday, December 6, 2019 2:52 PM
To: Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com>
Cc: Block, Molly <block.molly@epa.gov>; Press <Press@epa.gov>
Subject: Re: Clarification on President Trump saying EPA looking at water standards at his direction?

Can you send us a link to the article?

Sent from my iPhone

> On Dec 6, 2019, at 2:45 PM, Gardner, Timothy (Reuters) <timothy.gardner@thomsonreuters.com> wrote:
>
> Hi – We just ran the below headline from a President Trump media opportunity where he talked about EPA considering changing water standards at his direction.
> Wonder if you might have any clarification about what he what mentioning.
>
> Many thanks, Tim
>
> TRUMP SAYS U.S. EPA IS LOOKING AT CHANGING WATER STANDARDS AT HIS DIRECTION
>
> Best,
>
> Timothy Gardner
> Reuters
>
> +1 202 898-8360 (desk)
> **Ex. 6 Personal Privacy (PP)**

Message

From: Sawyers.Andrew@epa.gov [Sawyers.Andrew@epa.gov]
Sent: 12/6/2019 10:30:05 PM
To: Mclain, Jennifer [Mclain.Jennifer@epa.gov]
Subject: Re: December 6 -- E&E News PM is ready

Thanks

Sent from my iPhone

On Dec 6, 2019, at 5:19 PM, Mclain, Jennifer <Mclain.Jennifer@epa.gov> wrote:

I will ask Christina

From: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Sent: Friday, December 6, 2019 5:19 PM
To: Mclain, Jennifer <Mclain.Jennifer@epa.gov>
Subject: Re: December 6 -- E&E News PM is ready

Do you have access to the article?

Sent from my iPhone

On Dec 6, 2019, at 4:45 PM, Mclain, Jennifer <Mclain.Jennifer@epa.gov> wrote:

From: E&E News <ealerts@eenews.net>
Sent: Friday, December 6, 2019 4:36 PM
To: Mclain, Jennifer <Mclain.Jennifer@epa.gov>
Subject: December 6 -- E&E News PM is ready

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E&E NEWS PM — Fri., December 6, 2019

READ FULL EDITION

1. WHITE HOUSE:

Trump complains about low-flow toilets

President Trump today complained that Americans have to flush the toilet multiple times and directed EPA to look at "opening up" water standards.

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DOJ urges overhaul for Administrative Procedure Act

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EPA inches forward on new standards for cancer-causing gas

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Trump admin to test mare birth control vaccine

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Kyra Sedgwick, Taylor Schilling, Maura Tierney protest

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Message

From: Sawyers.Andrew@epa.gov [Sawyers.Andrew@epa.gov]
Sent: 12/6/2019 10:16:39 PM
To: Mclain, Jennifer [Mclain.Jennifer@epa.gov]
Subject: Re: December 6 -- E&E News PM is ready

Thanks

Sent from my iPhone

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Message

From: Sawyers, Andrew [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=49214552A00B4AB7B168EC0EDBA1D1AC-SAWYERS, ANDREW]
Sent: 12/11/2019 6:24:21 PM
To: Miller, Wynne [Miller.Wynne@epa.gov]
Subject: FW: WaterSense and consumer satisfaction
Attachments: Assessing Consumer Satisfaction Roll Out Plan.docx

FYI

From: Blette, Veronica <Blette.Veronica@epa.gov>
Sent: Tuesday, December 10, 2019 5:53 PM
To: Sawyers, Andrew <Sawyers.Andrew@epa.gov>; Stein, Raffael <Stein.Raffael@epa.gov>; Gueriguian, Leo <Gueriguian.Leo@epa.gov>; Tanner, Stephanie <Tanner.Stephanie@epa.gov>
Cc: Livingston, Beth <Livingston.Beth@epa.gov>; Schein, Jonah <Schein.Jonah@epa.gov>
Subject: WaterSense and consumer satisfaction

Here is a draft plan – please review and let's discuss Wednesday before sending to Lee or externally.

****
Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

Message

From: Sawyers, Andrew [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=49214552A00B4AB7B168EC0EDBA1D1AC-SAWYERS, ANDREW]
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From: Sawyers, Andrew [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=49214552A00B4AB7B168EC0EDBA1D1AC-SAWYERS, ANDREW]
Sent: 12/6/2019 10:17:17 PM
To: Mclain, Jennifer [Mclain.Jennifer@epa.gov]
Subject: Re: December 6 -- E&E News PM is ready

Thanks

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Message

To: Blette, Veronica [blette.veronica@epa.gov]
Subject: Completion of AWIA Review Document
Attachments: Draft_WS Spec Review Decision Report_Public Webpage Updates_112119 - for EPA.docx; Final_WS Product Specification Review Decision Report_121719.pdf; Final_WS Product Specification Review Decision Report_121719_for PDF.docx; Spec Review Decision Report Release_Stakeholder Email_112119 - for EPA.docx

Importance: High

Veronica, Ex. 5 Deliberative Process (DP)
Ex. 5 Deliberative Process (DP)
Ex. 5 Deliberative Process (DP) All the materials generated under this review have been posted including comments from stakeholders, meeting summaries, presentations and webinar recordings.

Please let me know if you have any questions.

~Regards~

Stephanie Tanner, CEM, LEED AP BD+C
Lead Engineer
WaterSense Program
Environmental Protection Agency
202-564-2660

"Yet it is not our part to muster all the tides of the world. But to do what is in us for the succor of those years wherein we are set. Uprooting the evil in the fields that we know. So that those who live after will have clean earth to till. What weather they shall have is not ours to rule."
~Gandalf the Grey~
Return of the King by JRR Tolkien

Message

Sent: 11/29/2019 6:55:00 PM
To: Robbie Pickering [robert.pickering@erg.com]; Wagoner, Kim [kim.wagoner@erg.com]
Subject: Revised Decision Report
Attachments: Draft_Notice of Specification Review Decisions_112519 Track Chng.docx; Comparison_2019_1120.xlsx

HI all, I revised the report to include the LNBL material and a few other changes. The appendices are now screwed up. Please fix these run thru a final edit and formatting. I'd like it to be finalized. Use December 20th at the posting date. It will change but my goal is to say the report is final as of a specific date.

I am also sending the chart file with the LBNL analysis and assumptions in case you need it.

I'll update all the other materials with the new date.

~Regards~

Stephanie Tanner, CEM, LEED AP BD+C
Lead Engineer
WaterSense Program
Environmental Protection Agency
202-564-2660

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Return of the King by JRR Tolkien

Message

From: Robert Pickering [Robert.Pickering@erg.com]
Sent: 12/17/2019 2:37:25 PM
To: Tanner, Stephanie [Tanner.Stephanie@epa.gov]; Kim Wagoner [Kim.Wagoner@erg.com]
Subject: Ex. 5 Deliberative Process (DP)
Attachments: Ex. 5 Deliberative Process (DP)

Stephanie,

Attached please find Ex. 5 Deliberative Process (DP). Let us know if you need anything else.

On a separate note, have you had a chance to talk to Veronica about the email schedule for this week? There are three potential tech emails:

1. Winter Tech Update (clarifications and PRSV sunset) – not currently scheduled but could be sent out tomorrow (Wednesday)
2. Spec Review Announcement (obviously pending actual release) – tentatively scheduled Thursday
3. SMS Meeting Summary and Comment Period Extension – tentatively scheduled for Friday

Thanks,

Robbie

Environmental Engineer, LEED AP O+M, CEM
Eastern Research Group, Inc. (ERG)
Ex. 6 Personal Privacy (PP)
919-468-7856 (o)

From: Tanner, Stephanie <Tanner.Stephanie@epa.gov>
Sent: Tuesday, December 17, 2019 8:02 AM
To: Kim Wagoner <Kim.Wagoner@erg.com>
Cc: Robert Pickering <Robert.Pickering@erg.com>
Subject: Ex. 5 Deliberative Process (DP)

Hi Kim, Ex. 5 Deliberative Process (DP) Give it a final edit and format with a table of contents and cover sheet with today's date.

I need this back ASAP.

Stephanie

Message

From: IAPMO [iapmo@iapmo.ccsend.com]
on behalf of IAPMO [news@iapmo.org]
Sent: 12/11/2019 12:30:37 AM
To: Tanner, Stephanie [Tanner.Stephanie@epa.gov]
Subject: We-Stand Newswire | December 2019

To view this as a webpage, go to http://forms.iapmo.org/WeStandNewswire.asp

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December 2019 :: Latest Headlin

IAPMO-Backed Report Spotlights St
Reality: More Than 2 Million America
Without Access to Running Water, S

Plumbing, Mechanical Industry and
Efficiency Leaders to Co-Convene S
Emerging Water Technology Sympo

IWSH Team Returns to Navajo Moun
Renovation Project

CPC Indonesia Design Week Conclu
Endorsement

IAPMO Seeks Technical Committee
2024 UPC and UMC

PT. IAPMO Group Indonesia Comple
Enterprising Sustainability Summit

New High Efficiency Condensing Bo
First Residential Conversion in Calg

Ultima Diaphragm Flush Valves from
Standard Aim to Stop Valve Run-On
Starts

Newark Report Confirms Widespread
Faucet and Pitcher Filters, Leaving
Thousands at Risk from High Lead L

President Trump Calls for Review of
Efficiency Standards

acked Report Spotlights Staggering Reality: More Than 2 Million s Live Without Access to Running Water, Sanitation

roduced by DigDeep and the U.S. Water Alliance with advisory assistance from IAPMO, titled "Closing the Gap in the United States: A National Action Plan," reveals that more than 2 million Americans today live with r, indoor plumbing or sanitation service and recommends a series of remedies.

Plumbing, Mechanical Industry and Water Efficiency Leaders to Co-Convene Seventh Emerging Water Technology Symposium in 2020

Preparations are already underway to ensure that the 2020 Emerging Water Technology Symposium (EWTS), to be held May 12-13, 2020, at the Westin Riverwalk in San Antonio, is the most comprehensive and informative event since the symposium debuted in 2008. Online registration is available **here**.

Contact Us

**International Association of Plumbin
& Mechanical Officials**

IWSH Team Returns to Navajo Mountain for Renovation Project

Representatives of the International Water, Sanitation and Hygiene Foundation (IWSH) have returned to the Navajo Nation this week to support the installation of new toilet and washroom facilities for the Naatsis'áán (Navajo Mountain) Chapter House.

IAPMO Seeks Technical Committee Members for 2024 UPC and UMC

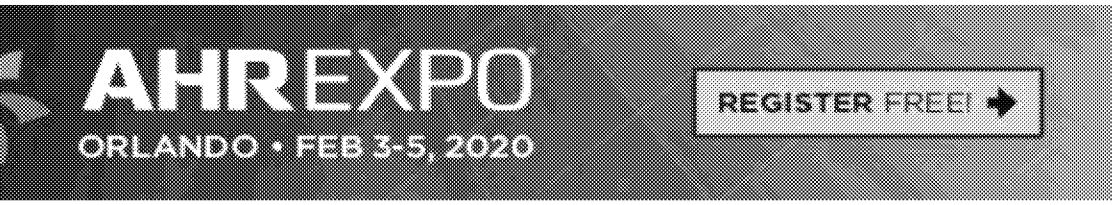
IAPMO is seeking volunteers to participate on two technical committees working toward the development of the 2024 editions of the *Uniform Plumbing Code (UPC)* and *Uniform Mechanical Code (UMC)*. The deadline to submit an application is Jan. 31, 2020.

Newark Report Confirms Widespread Misuse of Faucet and Pitcher Filters, Leaving Hundreds or Thousands at Risk from High Lead Levels

The City of Newark's report released recently about city-distributed water filters confirmed the accuracy of NRDC's warnings to the city back in February 2019: that scores of residents are not being protected from elevated lead levels because water filters are not being properly installed and maintained.

President Trump Calls for Review of Water Efficiency Standards

President Trump is calling for a nationwide review of water efficiency standards because of issues with "sinks and showers and other elements of bathrooms".


AHR EXPO
ORLANDO • FEB 3-5, 2020
REGISTER FREE!

4755 E. Philadelphia St.
Ontario, CA 91761 USA
1-909-472-4100
Fax: 909-472-4150
E-mail: iapmo@iapmo.org
Website: www.iapmo.org

Upcoming Events

KBIS 2020
January 21-23, 2020

NAHB Builder's Show
January 21-23, 2020

AHR Expo
February 3-5, 2020

WE-Stand Technical Committee M
March 24 - 25, 2020

7th Emerging Water Technology S
May 12 - 13, 2020

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rtners and Memberships

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IAPMO | 4755 East Philadelphia St., Ontario, CA 91761

Unsubscribe tanner.stephanie@epamail.epa.gov

Update Profile | About Constant Contact

Sent by news@iapmo.org

Message

From: Livingston, Beth [Livingston.Beth@epa.gov]
Sent: 12/10/2019 3:04:24 PM
To: Tanner, Stephanie [Tanner.Stephanie@epa.gov]
Subject: FW: WaterSense politics

FYI

From: Kathleen Brady <Kathleen.Brady@erg.com>
Sent: Tuesday, December 10, 2019 9:53 AM
To: Livingston, Beth <Livingston.Beth@epa.gov>
Subject: FW: WaterSense politics

Assume you've seen this, which includes comments from PMI and others that we submitted as part of the review process.

From: Paul Buellesbach <Paul.Buellesbach@erg.com>
Sent: Tuesday, December 10, 2019 7:41 AM
To: Kathleen Brady <Kathleen.Brady@erg.com>; Kim Wagoner <Kim.Wagoner@erg.com>; Roy Sieber <Roy.Sieber@erg.com>
Subject: WaterSense politics

Hope the white team went well yesterday!

Despite Trump Complaints, EPA Water Efficiency Standards Win Support
December 9, 2019
Despite President Donald Trump's recent complaints about EPA water efficiency standards for bathroom fixtures, plumbing manufacturers, local water districts and environmentalists earlier this year strongly backed the agency's voluntary WaterSense program and urged a steady course or, in some cases, more stringent standards.

In their comments, several local water districts and environmentalists urged EPA to strengthen some of the standards to ensure the WaterSense label continues to show a meaningful mark of significant water efficiency.

WaterSense performance criteria should be strengthened, the Contra Costa, CA, Water District said in May 20 comments, saying "there are plenty of quality products that achieve much higher performance than others. WaterSense should set the high performance and high efficiency products apart from the rest."

While some plumbing product manufacturers raised concerns about low-flow technologies resulting in disease outbreaks, they generally urged EPA to maintain current standards.

During a small business roundtable Dec. 6, Trump said low-flow fixtures are resulting in "people are flushing toilets 10 times, 15 times as opposed to once" and that sinks and showers have water only coming out in a trickle, requiring people to use even more water than they did previously.

He said he had instructed EPA to look into changing the standards. "So we're looking at, very seriously, at opening up the standard. And there may be some areas where we'll go the other route -- desert areas. But for the most part, you have many states where they have so much water that it comes down -- it's called rain -- (laughter) -- that they don't know -- they don't know what to do with it," he said.

It is unclear what action Trump has ordered EPA to take. But Congress in 2018, as part of a first-time authorization of the voluntary WaterSense program that was included in the America's Water Infrastructure Act, directed EPA to conduct by

the end of this year a comprehensive review of product specifications adopted before 2012. These include tank-type toilets, flushing urinals, lavatory faucets, showerheads and weather-based irrigation controllers.

The agency earlier this year met with stakeholders to seek feedback on whether the standards should be revised and the factors EPA should consider in making that decision beyond those outlined in program guidance. EPA has never made a major revision to a product specification, issuing only slight modifications or clarifications, although in 2014 it revised the WaterSense Professional Certification Program Labeling System for irrigation professionals.

EPA has said it intends to evaluate a variety of factors as it considers the specifications for review and revision. These factors may include additional water savings potential, continued applicability or availability of efficiency and performance test methods and criteria, availability of more efficient products in the marketplace, potential for specification scope expansion, and/or unintended impacts of further flow reductions on the systems in which the products may be installed.

The voluntary WaterSense program allows products that meet the WaterSense specifications and are verified by independent, third-party certification to use the WaterSense label. These products are 20 percent more water-efficient than average products in that category and perform as well or better than their less-efficient counterparts, EPA says.

EPA says that through the end of 2018, WaterSense has helped Americans save a cumulative 3.4 trillion gallons of water and more than $84.2 billion in water and energy bills. Additionally, the use of WaterSense labeled products saved 462.5 billion kilowatt-hours of electricity, EPA says.

State Laws

In a series of comments to EPA earlier this year, various stakeholders express their support for the current WaterSense standards.

Plumbing Manufacturers International (PMI) in March 14 comments says it "supports the current EPA WaterSense® Specifications for Tank-Type Toilets, High-Efficiency Lavatory Faucets, Flushing Urinals and Showerheads and recommends that no changes be made at this time."

Among the reasons PMI gives for keeping the current specifications are concerns that low-flow plumbing fixtures have resulted in waterborne disease outbreaks and other water quality problems in building plumbing fixtures. PMI asks the agency to wait until the results of EPA-funded studies exploring these issues are completed before revising the specifications.

Additionally, PMI notes that several states and municipalities, including. Colorado, Georgia, New York, Oregon, Texas, and Vermont have adopted EPA WaterSense requirements. "The further lowering of water consumption levels for tank-type toilets, lavatory faucets, urinals and showerheads would significantly impact current laws," PMI says.

In June 3 comments, PMI explains that it is "very much opposed" to increasing waste extraction requirements for tank-type toilets, saying that it would not necessarily make the extraction of solid waste more efficient or effective and could encourage manufacturers to focus unduly on that aspect rather than, for example, bowl cleanliness.

PMI says a 1999 study by the Metropolitan Water District of Southern California found that bowl cleanliness, rather than actual waste removal, was the number one cause of double flushing.

Denver Water in March 18 comments notes that many markets have shifted to a 1.28 gallons per flush (gpf) baseline for tank-type toilets and that California has moved to 1.8 gallons per minute (gpm) as a standard for showerheads, suggesting WaterSense should consider similar changes.

But the water utility also echoes some of PMI's concerns about the effects of less water usage on public health. "Lower water use could cause aging of water in service lines and potential drainline carry issues in older plumbing -- could be

part of new home criteria. The occurrence of pathogens in premise plumbing (e.g., Legionella) has become a high visibility topic and lower water use combined with the potential of using alternative water sources may exacerbate this concern," the utility says.

Waste Removal

But other commenters urge EPA to consider waste removal changes as well as reducing the amount of water used. The Metropolitan North Georgia Water Planning District in March 15 comments says EPA should consider revising the specification for tank-type toilets to require both better performance in terms of waste clearance and a flush volume of 1.1 gpf "provided WaterSense satisfactorily analyzes and address any potential adverse impacts on solids transport, water age in the distribution systems, and corrosion in sewer collection systems."

The current specification, originally released in 2007 and slightly revised in 2014, is a flush volume no greater than 1.28 gpf. Since 2012, the Georgia State Minimum Standard Plumbing Code has required that all new toilets must use 1.28 gpf or less and be WaterSense labeled.

"Based on the customer calls that come into the District's toilet rebate call center, we generally hear positive feedback and extremely few complaints from customers. To reduce even these few complaints, we support revising the performance criteria to require tank-type toilets to clear a larger quantity of waste and/or toilet paper," the district says.

The district also recommends more stringent specifications for lavatory faucets, showerheads and flushing urinals. EPA should require a flow rate of 1.0 gpm for lavatory faucets, compared to the current standard of 1.5 gpm, and set a new specification for kitchen faucets of 1.5 gpm; lower the showerhead specification from 2.0 gpm to 1.8 gpm; and require a rate of 0.125 gpf or less for wall-mounted urinals compared the current specification of 0.5 gpf.

The district says many showerheads on the market today use 2.0 gpm or less and a significant portion have a maximum flow rate of 1.8 gpm or less. "Products using 2.0 gpm as required by the current WaterSense specification could be considered mid-range in terms of their efficiency. To continue pushing innovation and efficiency forward, WaterSense should consider revising this standard to 1.8 gpm or less. There are products already available in the marketplace at a wide variety of price points using 1.8 gpm or less."

Edward Osann, director of national water use efficiency at the Natural Resources Defense Council, also calls for more stringent standards, noting the numerous states and localities that require the use of WaterSense products.

"Taken together, jurisdictions comprising over 35% of the US population now apply these requirements to all products installed in new construction or simply all products sold or installed in their state," Osann says in June 30 comments.

"Manufacturers have responded, and the market share of new sales held by WaterSense labeled products in some of these categories is thought to approach 90%. (This is information that is currently known to EPA, provided by WaterSense industry partners, but not publicly released.)," he continues.

"In light of these trends, maintaining current specification levels carries significant risk that the WaterSense label will lose its ability to differentiate product performance in the marketplace, and simply devolve to a colorful logo without substantive meaning for consumers," he adds.

Osann, in a Dec. 6 statement, questioned what triggered Trump's "outburst," noting that federal toilet efficiency ruling have not changed since 1994. "The water-efficient toilets of today work great and are a necessary part of the water-efficient future we need if everyone is to have access to clean, safe, and affordable water."

But PMI in a study sent to EPA July 7 says its study of 2019 market penetration indicates that WaterSense-certified products are only 1.8 percent of flushing urinals, 16.8 percent of tank-type residential toilets, 40.1 percent of bathroom sink faucets and 45.4 percent of showerheads. -- Lara Beaven (lbeaven@iwpnews.com)

Paul Buellesbach
Eastern Research Group, Inc.
paul.buellesbach@erg.com
703-633-1662 (office)
Ex. 6 Personal Privacy (PP)

Message

From: Blette, Veronica [Blette.Veronica@epa.gov]
Sent: 12/9/2019 11:00:53 PM
To: Tanner, Stephanie [Tanner.Stephanie@epa.gov]
Subject: CEI thoughts

https://cei.org/blog/trump-cant-do-much-about-toilets-can-stop-other-anti-homeowner-regulations

****

Veronica Blette
Chief, WaterSense Branch
EPA Office of Wastewater Management
Phone: 202-564-4094
https://www.epa.gov/watersense
****
Check us out on Facebook: http://www.facebook.com/epawatersense
and Twitter: http://www.twitter.com/epawatersense

Message

From: Kim Wagoner [Kim.Wagoner@erg.com]
Sent: 12/6/2019 1:46:01 PM
To: Tanner, Stephanie [Tanner.Stephanie@epa.gov]
CC: Robert Pickering [Robert.Pickering@erg.com]
Subject: Spec Development Revision Document
Attachments: Draft_Notice of Specification Review Decisions_113019_kw_120219.docx

Kimberly Wagoner, P.E.
Sr. Environmental Engineer
ERG
14555 Avion Parkway, Suite 200
Chantilly, VA 20151
(O) 703-633-1620
Ex. 6 Personal Privacy (PP)

Message

From: Robert Pickering [Robert.Pickering@erg.com]
Sent: 11/26/2019 2:46:14 PM
To: Tanner, Stephanie [Tanner.Stephanie@epa.gov]
CC: Kim Wagoner [Kim.Wagoner@erg.com]
Subject: Latest Specification Review Decision Document
Attachments: Draft_Notice of Specification Review Decisions_112519.docx

Stephanie,

Attached is the latest version of the spec review decision report. As I mentioned, Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Let us know once you've had a chance to brainstorm on the Version 2 section and if there is anything we can do to help built it out.

Thanks,

Robbie

Environmental Engineer, LEED AP O+M, CEM
Eastern Research Group, Inc. (ERG)
Ex. 6 Personal Privacy (PP)
919-468-7856 (o)

Message

From: Robert Pickering [Robert.Pickering@erg.com]
Sent: 11/18/2019 4:33:13 PM
To: Tanner, Stephanie [Tanner.Stephanie@epa.gov]; Duncan, Julius [Duncan.Julius@epa.gov]
CC: Kim Wagoner [Kim.Wagoner@erg.com]
Subject: WS Priorities Meeting Agenda & Tank-Type Toilets Research Plan
Attachments: Relationship between flush volume and toilet performance_research plan to EPA_111719d.docx; Tech Team Mtg Agenda_111919.docx

Stephanie, Julius,

Attached is the meeting agenda for tomorrow's meeting.

Ex. 5 Deliberative Process (DP) possible, please review ahead of our meeting so we can discuss, but otherwise we can provide a general summary. They've asked if they can start with some preliminary testing to try to narrow the scope/establish bounds. We can discuss.

Thanks!

Robbie

Environmental Engineer, LEED AP O+M, CEM
Eastern Research Group, Inc. (ERG)
Ex. 6 Personal Privacy (PP)
919-468-7856 (o)

Message

From: Robert Pickering [Robert.Pickering@erg.com]
Sent: 9/17/2019 5:18:11 PM
To: Tanner, Stephanie [Tanner.Stephanie@epa.gov]
CC: Duncan, Julius [Duncan.Julius@epa.gov]; Kim Wagoner [Kim.Wagoner@erg.com]; Joanna Kind [joanna.kind@erg.com]
Subject: Ex. 5 Deliberative Process (DP)
Attachments:

Stephanie,

Ex. 5 Deliberative Process (DP)

Please review and let me know if you have any comments or questions. Per the roll-out, we hope to receive initial comments from you by October 3 so we can turn around a draft for Veronica/upper management to review by mid-October.

Thanks!

Robbie

Environmental Engineer, LEED AP O+M, CEM
Eastern Research Group, Inc. (ERG)
Ex. 6 Personal Privacy (PP)
919-468-7856 (o)

Message

From: Robert Pickering [Robert.Pickering@erg.com]
Sent: 11/7/2019 3:23:18 PM
To: Tanner, Stephanie [Tanner.Stephanie@epa.gov]
Subject: Latest Spec Review Decision Report
Attachments: Draft_Notice of Specification Review Decisions_103119.docx

Flag: Follow up

Stephanie,

Attached is the latest version of the specification review decision report, with your and Veronica's comments addressed in tracked changes. You can also see the new Appendix A that include the certification trend and poll question data.

As discussed, the changes have not gone through reviews and Ex. 5 Deliberative Process (DP)

Let me know if you need anything else.

Thanks,

Robbie

Environmental Engineer, LEED AP O+M, CEM
Eastern Research Group, Inc. (ERG)
Ex. 6 Personal Privacy (PP)
919-468-7856 (o)

Message

From: Tanner, Stephanie [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6FE9F99090DC46DDB441530DB571B822-STANNER]
Sent: 12/17/2019 1:02:20 PM
To: Wagoner, Kim [kim.wagoner@erg.com]
CC: Robbie Pickering [robert.pickering@erg.com]
Subject: Ex. 5 Deliberative Process (DP)
Attachments: Draft_Notice of Specification Review Decisions_121719-final.docx

Hi Kim, Ex. 5 Deliberative Process (DP) Give it a final edit and format with a table of contents and cover sheet with today's date.

I need this back ASAP.

Stephanie

Message

From: Tanner, Stephanie [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6FE9F99090DC46DDB441530DB571B822-STANNER]
Sent: 12/9/2019 2:15:31 AM
To: Robert Pickering [Robert.Pickering@erg.com]; Kim Wagoner [Kim.Wagoner@erg.com]; Joanna Kind [joanna.kind@erg.com]; Roy Sieber [Roy.Sieber@erg.com]
Subject: RE: Rewriting EPAct?

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP) Stay tuned.

Stephanie

P.S. The comments were uniformly positive about the performance of "low-flow" toilets. Ex. 6 Personal Privacy (PP)

From: Robert Pickering <Robert.Pickering@erg.com>
Sent: Friday, December 6, 2019 8:14 PM
To: Kim Wagoner <Kim.Wagoner@erg.com>; Joanna Kind <joanna.kind@erg.com>; Tanner, Stephanie <Tanner.Stephanie@epa.gov>; Roy Sieber <Roy.Sieber@erg.com>
Subject: Re: Rewriting EPAct?

Here's a longer article about it that even plugs our spec review.

https://www.washingtonpost.com/business/on-small-business/trump-orders-toilet-rule-review-saying-people-flush-10-times/2019/12/06/ce820976-1871-11ea-80d6-d0ca7007273f_story.html

Sent from my iPhone

> On Dec 6, 2019, at 7:56 PM, Robert Pickering <Robert.Pickering@erg.com> wrote:
>
> A friend of mine sent this to me. Thought I'd share in case you hadn't seen. Watch when you're already in a bad mood because it is not good news...
>
> https://mobile.twitter.com/kylegriffin1/status/1203055422388736000

Message

From: Tanner, Stephanie [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6FE9F99090DC46DDB441530DB571B822-STANNER]
Sent: 11/29/2019 6:55:30 PM
To: Robbie Pickering [robert.pickering@erg.com]; Wagoner, Kim [kim.wagoner@erg.com]
Subject: Revised Decision Report
Attachments: Draft_Notice of Specification Review Decisions_112519 Track Chng.docx; Comparison_2019_1120.xlsx

HI all, I revised the report to include the LNBL material and a few other changes. The appendices are now screwed up. Please fix these run thru a final edit and formatting. I'd like it to be finalized. Use December 19th as the posting date. It will change but my goal is to say the report is final as of a specific date.

I am also sending the chart file with the LBNL analysis and assumptions in case you need it.

I'll update all the other materials with the new date.

~Regards~

Stephanie Tanner, CEM, LEED AP BD+C
Lead Engineer
WaterSense Program
Environmental Protection Agency
202-564-2660

"Yet it is not our part to muster all the tides of the world. But to do what is in us for the succor of those years wherein we are set. Uprooting the evil in the fields that we know. So that those who live after will have clean earth to till. What weather they shall have is not ours to rule."
~Gandalf the Grey~
Return of the King by JRR Tolkien

Message

From: Tanner, Stephanie [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6FE9F99090DC46DDB441530DB571B822-STANNER]
Sent: 10/10/2019 5:59:54 PM
To: Robbie Pickering [robert.pickering@erg.com]
Subject: EPA comments on Spec Review
Attachments: Draft_Notice of Specification Review Decisions_091719d-vb.docx

Message

From: Ex. 6 Personal Privacy (PP)
Sent: 12/10/2019 1:26:09 PM
To: Wheeler, Andrew [wheeler.andrew@epa.gov]
Subject: Water usage research etc

Sir
After doing a lot of family research which involves 10 adults and 7 young children (under 11 years) this conclusion was reached

Adults.....1 flush per visit
Children.....all but one 4 year old stated they only need one flush to empty the toilet bowl.

We also questioned about shower water flow. The same response, there was no dissatisfaction from anyone. Please tell trump his statement " lots of people are talking about this or having his same problem". WRONG. No one is talking about this. The quality, lack of air quality in Salt Lake City is something we talk a about and are concerned about. Air quality is something to talk about.
The GOP denies climate change even though the top scientists, smart, concerned (not politicians) experts have told us what are minds already know and our eyes see, IS TRUE. CLIMATE CHANGE IS REALL AND WORSENING QUICKLY! The GOP are destroying the air we breath, our animals, our waters etc. all for more $$ in their pockets.

Trump and the GOP whom ignore what is in their face and now discuss toilettes should all be flushed down trumps fancy toilette and I'm ok with the 15 flushes. Well worth it.

There will be a special place in history, perhaps jail also, for this administrations personnel . It will be as the corrupt, greedy, immoral, least factual group ever assembled. I hope you will all live in shame as you should.
Ex. 6 Personal Privacy (PP)
SLC, Utah
Sent from my iPad

Message

Sent: 12/9/2019 9:49:34 PM
Subject: FOR YOUR REVIEW: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

1. How much does a typical flush cost as a part of a typical overall water bill?
   Ex. 5 Deliberative Process (DP)
2. What can consumers do to change it?
   Ex. 5 Deliberative Process (DP)
3. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?
   Ex. 5 Deliberative Process (DP)

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Fuld, John <Fuld.John@epa.gov>
Sent: Monday, December 09, 2019 12:03 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary,

Sorry for the rush ...

Office of Water
Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
fuld.john@epa.gov

DATE: December 9, 2019

OUTLET: CBS Money Watch

REPORTER: Rachel Layne

TOPIC: Toilet Flushes

DEADLINE: 2 pm TODAY 12 -9

OPA CONTACT: Angela Hackel

PROGRAM CONTACT: Mary Schollhamer

OW PROGRAM OFFICE: OWM

PERTINENT INFORMATION:

I'm a reporter writing a story for CBS MoneyWatch on how much each flush typically costs the consumer given President Trump's remarks on Friday.

I see this WaterSense pamphlet from 2017 outlining products and water use, but wondering if there's anything more recent and with estimated costs.

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

ANSWERS:

****

Source Information:
Highlight any source information you have recently used or has been approved before at the program level.
INFORMATION PUBLICLY AVAILABLE: (*LIST SOURCE WITH EACH ANSWER)*
Web-link or source material.
****

John W. Fuld, Ph.D.
U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
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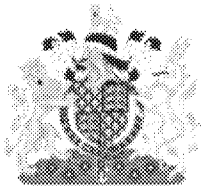
fuld.john@epa.gov
nobilis princeps



Message

Sent: 1/23/2020 3:05:26 PM
To: Livingston, Beth [Livingston.Beth@epa.gov]; Blette, Veronica [Blette.Veronica@epa.gov]
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Sorry, I mean, could

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Mobile: Ex. 6 Personal Privacy
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Livingston, Beth <Livingston.Beth@epa.gov>
Sent: Monday, December 09, 2019 3:25 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>; Blette, Veronica <Blette.Veronica@epa.gov>
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Ex. 5 Deliberative Process (DP)

Thanks,
beth

From: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Sent: Monday, December 09, 2019 3:09 PM
To: Livingston, Beth <Livingston.Beth@epa.gov>; Blette, Veronica <Blette.Veronica@epa.gov>
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Thanks! Question: for the second answer, Ex. 5 Deliberative Process (DP)
Ex. 5 Deliberative Process (DP)

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Mobile: Ex. 6 Personal Privacy
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Livingston, Beth <Livingston.Beth@epa.gov>
Sent: Monday, December 09, 2019 2:28 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>; Blette, Veronica <Blette.Veronica@epa.gov>
Subject: RE: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary – See below.

Beth

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

Ex. 5 Deliberative Process (DP)

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

From: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Sent: Monday, December 09, 2019 12:06 PM
To: Blette, Veronica <Blette.Veronica@epa.gov>; Livingston, Beth <Livingston.Beth@epa.gov>
Subject: FW: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Hi Veronica,
Please see below. Note, they want a response by 2pm.

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
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schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Fuld, John <Fuld.John@epa.gov>
Sent: Monday, December 09, 2019 12:03 PM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: MEDIA INQUIRY - CBS Money Watch re: Toilet Flushes DL: TODAY 12-9 2 pm

Mary,

Sorry for the rush ...

Office of Water Media Inquiry

John W. Fuld, Ph.D.
U.S. Media Relations Mgr.-IO-Office of Water
fuld.john@epa.gov

DATE: December 9, 2019

OUTLET: CBS Money Watch

REPORTER: Rachel Layne

TOPIC: Toilet Flushes

DEADLINE: 2 pm TODAY 12 -9

OPA CONTACT: Angela Hackel

PROGRAM CONTACT: Mary Schollhamer

OW PROGRAM OFFICE: OWM

PERTINENT INFORMATION:

I'm a reporter writing a story for CBS MoneyWatch on how much each flush typically costs the consumer given President Trump's remarks on Friday.

I see this WaterSense pamphlet from 2017 outlining products and water use, but wondering if there's anything more recent and with estimated costs.

QUESTIONS:

1. How much does a typical flush cost as a part of a typical overall water bill? What can consumers do to change it?

2. In the U.S., what percentage of toilets are the more efficient versus older, less efficient kind?

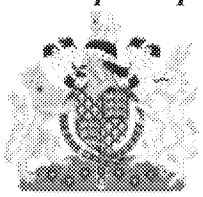
ANSWERS:

****

Source Information:
Highlight any source information you have recently used or has been approved before at the program level.
INFORMATION PUBLICLY AVAILABLE: (*LIST SOURCE WITH EACH ANSWER)*

Web-link or source material.
****

John W. Fuld, Ph.D.
U.S. Media Relations Manager, Office of Water
Environmental Protection Agency
1200 Constitution Ave
Washington DC 20460
Office: 202-564-8847
Ex. 6 Personal Privacy (PP)
fuld.john@epa.gov
nobilis princeps



Message

From: Livingston, Beth [Livingston.Beth@epa.gov]
Sent: 12/9/2019 5:18:14 PM
To: Schollhamer, Mary [Schollhamer.Mary@epa.gov]
Subject: Re: December 6 -- E&E News PM is ready

Thank you.

Sent from my iPhone

On Dec 9, 2019, at 8:36 AM, Schollhamer, Mary <Schollhamer.Mary@epa.gov> wrote:

I know you already saw this article – but sharing so you know they're passing it around.

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Risley, David <Risley.David@epa.gov>
Sent: Monday, December 09, 2019 7:54 AM
To: Ross, David P <ross.davidp@epa.gov>; Forsgren, Lee <Forsgren.Lee@epa.gov>; Sawyers, Andrew <Sawyers.Andrew@epa.gov>; Mclain, Jennifer <Mclain.Jennifer@epa.gov>; Bertrand, Charlotte <Bertrand.Charlotte@epa.gov>
Cc: Dennis, Allison <Dennis.Allison@epa.gov>; Wadlington, Christina <Wadlington.Christina@epa.gov>; Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: RE: December 6 -- E&E News PM is ready

WHITE HOUSE

Trump complains about low-flow toilets

Kelsey Brugger and Lesley Clark, E&E News reporters Published: Friday, December 6, 2019

President Trump today complained that Americans have to flush the toilet multiple times and directed EPA to look at "opening up" water standards.

"People are flushing toilets 10 times, 15 times, as opposed to once," he said at the White House at an event on his deregulatory agenda. "They end up using more water."

His comments, which went viral on Twitter, veered from bashing energy efficiency rules of toilets, lightbulbs, showerheads and cars.

The government for decades has required that a variety of household products follow energy-saving standards, an issue that had long enjoyed bipartisan support.

Trump has in recent months expressed disdain for lightbulbs at a time when his administration repealed Obama-era rules. The toilet-flushing complaints seemed to be new.

"We're looking very strongly at sinks and showers and other elements of bathrooms. Where you turn the faucet on, in areas where there's tremendous amounts of water, where water rushes out to sea because you could never handle it, you don't get any water — you turn on that faucet, you don't get any water," he said.

"They take a shower, the water is dripping out, very quietly dripping out," the president said.

Trump insisted that at his suggestion EPA was looking "very strongly" at "opening up the standard."

By the White House's numbers, Trump has cut regulatory costs by more than $50 billion from nearly 400 actions at two dozen agencies. That translates to 7 ½ rollbacks for every new regulation.

The Trump philosophy has been to cut two regulations for every new one implemented. The administration has axed guidance documents — which are weaker than regulations — at high rates, and officials said they have greatly exceeded their two-out-one-in goals.

The president today also vowed to "remove costly burdens to make cars safer and more affordable."

He continued that the administration is at odds with California, saying the state, in order "to save a tiny amount of fuel, of which we have plenty," has enacted tougher emissions standards on cars.

"We can make cars much less expensive, much better and much stronger and about the same from an environmental standpoint, very close," he said.

"Our cars are much safer, they're much cheaper, they're much better, the reason they are safer is because they can be heavy. Because right now the cars are made out of papier-mache. We allow steel content."

Trump said the car companies that are siding with the California standards are the ones "that want to be politically correct."

From: Dennis, Allison <Dennis.Allison@epa.gov>
Sent: Sunday, December 08, 2019 11:00 PM
To: Risley, David <Risley.David@epa.gov>
Subject: Fwd: December 6 -- E&E News PM is ready

Can you share ?

Sent from my iPhone

Begin forwarded message:

> **From:** "Sawyers, Andrew" <Sawyers.Andrew@epa.gov>
> **Date:** December 6, 2019 at 4:16:21 PM CST
> **To:** "Forsgren, Lee" <Forsgren.Lee@epa.gov>, "Dennis, Allison" <Dennis.Allison@epa.gov>, "Ross, David P" <ross.davidp@epa.gov>
> **Subject: Fwd: December 6 -- E&E News PM is ready**
>
> FYI - Allison, can you please send me the article if you have access.

Sent from my iPhone

Begin forwarded message:

From: "Mclain, Jennifer" <Mclain.Jennifer@epa.gov>
Date: December 6, 2019 at 4:45:58 PM EST
To: "Sawyers, Andrew" <Sawyers.Andrew@epa.gov>
Subject: FW: December 6 -- E&E News PM is ready

From: E&E News <ealerts@eenews.net>
Sent: Friday, December 6, 2019 4:36 PM
To: Mclain, Jennifer <Mclain.Jennifer@epa.gov>
Subject: December 6 -- E&E News PM is ready

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E&E NEWS PM — Fri., December 6, 2019

READ FULL EDITION

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Trump complains about low-flow toilets

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Carper slams senior House Dems, Republicans for PFAS flop

3. LAW:

DOJ urges overhaul for Administrative Procedure Act

4. CLEAN WATER ACT:

White House starts reviewing WOTUS rewrite

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EPA inches forward on new standards for cancer-causing gas

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Trump admin to test mare birth control vaccine

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8. CALENDAR:

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Message

From: Schollhamer, Mary [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1F3D9CB938B74AF5825EDFBFD2E85ABD-MSCHOLLH]
Sent: 12/9/2019 2:10:38 PM
To: Farris, Erika D. [Farris.Erika@epa.gov]
Subject: RE: December 6 -- E&E News PM is ready

Thank you X3!

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Farris, Erika D. <Farris.Erika@epa.gov>
Sent: Monday, December 09, 2019 9:07 AM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: RE: December 6 -- E&E News PM is ready

Yes, just asked Andrew. He just had a call with Veronica and he said he think's we're good and doesn't need a meeting. We can pick his brain more at the PIRMS update.

From: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Sent: Monday, December 9, 2019 8:38 AM
To: Farris, Erika D. <Farris.Erika@epa.gov>
Subject: RE: December 6 -- E&E News PM is ready

A favor: Can you let me know when they're talking? It would likely be super helpful to be in the room.

Mary G Schollhamer
Communications Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Office: 202-564-5759
Ex. 6 Personal Privacy (PP)
schollhamer.mary@epa.gov

Office of Wastewater Management: Solutions for Clean Water

From: Farris, Erika D. <Farris.Erika@epa.gov>
Sent: Monday, December 09, 2019 8:37 AM
To: Schollhamer, Mary <Schollhamer.Mary@epa.gov>
Subject: FW: December 6 -- E&E News PM is ready

FYI

From: Sawyers, Andrew <Sawyers.Andrew@epa.gov>
Sent: Monday, December 9, 2019 8:28 AM
To: Stein, Raffael <Stein.Raffael@epa.gov>; Gueriguian, Leo <Gueriguian.Leo@epa.gov>; Miller, Wynne <Miller.Wynne@epa.gov>; Blette, Veronica <Blette.Veronica@epa.gov>; Tanner, Stephanie <Tanner.Stephanie@epa.gov>
Cc: Farris, Erika D. <Farris.Erika@epa.gov>; Sylvester, Francis <Sylvester.Francis@epa.gov>
Subject: FW: December 6 -- E&E News PM is ready

FYI – let's talk this morning – thanks.

From: Risley, David <Risley.David@epa.gov>
Sent: Monday, December 09, 2019 7:54 AM
To: Ross, David P <ross.davidp@epa.gov>; Forsgren, Lee <Forsgren.Lee@epa.gov>; Sawyers, Andrew <Sawyers.Andrew@epa.gov>; Mclain, Jennifer <Mclain.Jennifer@epa.gov>; Bertrand, Charlotte <Bertrand.Charlotte@epa.gov>
Cc: Dennis, Allison <Dennis.Allison@epa.gov>; Wadlington, Christina <Wadlington.Christina@epa.gov>; Schollhamer, Mary <Schollhamer.Mary@epa.gov>
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