Message

From: Smith, Bob A [Bob.A.Smith@wv.gov]
Sent: 7/30/2019 8:06:25 PM
To: Huggins, William [William.Huggins@wv.gov]; Matlock, Dennis [Matlock.Dennis@epa.gov]
Subject: FW: 7/30/19 Paden City Information on PCE removal device
Attachments: A-02207_Ack.pdf; air_stripper_brochure_WEB.pdf; eztray966ss.pdf; Thrasher_PCE_1.pdf; 7 30 19 Paden City.jpg; 7 30 19 Paden City 2.jpg; 7 30 19 Paden City 4.jpg; 7 30 19 Paden City 3.jpg

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bob.a.smith@wv.gov

From: Smith, Bob A
Sent: Tuesday, July 30, 2019 4:03 PM
To: Ivey, Walter M <Walter.M.Ivey@wv.gov>; Vance, Meredith J <Meredith.J.Vance@wv.gov>; Daniels, Paul E <Paul.E.Daniels@wv.gov>
Cc: Uraco, Mark A <Mark.A.Uraco@wv.gov>; Barnhart, Karen L <Karen.L.Barnhart@wv.gov>
Subject: 7/30/19 Paden City Information on PCE removal device

Paden City Summary:

I visited the plant 7/30/19 and met with the Chief Operator to obtain updates on the ongoing PCE issue. Please see the attached files that the Operator sent me as well as pictures I took to aid this summary

PCE values are higher than ever.

May 2019 finished water 8.2 ppb of PCE. Raw water 12 ppb PCE

June 2019 samples have not been received yet. Lab has been extremely slow!

As we all are aware, many different steps have been taken to reduce the PCE values with the current plant configuration. None have worked or at least none have reduced the value below 5ppb

Well #2 (4 wells total) remains off line as it had the highest PCE values

Attempts were made as my pictures show, to recycle the clear well water (Basically run the finished water through the air stripper a second time). This proved not to work.

Currently the plant is only using one of the three air strippers (#2 in use). This is because #3 doesn't work and #1 was hooked up in the recycling process

Quotes and design for the new "tray" air stripper are attached

The system supposedly has been approved for $500k to cover this project

The new "tray" system is projected to remove 100% of the PCE

The new stripper will be placed in the existing treatment plant yard compound. Picture attached

Project scheduled to be completed fall of 2019

All four wells will be used once the new air strippers go on line

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From: Josh Billiter <josh.billiter.padencity@gmail.com>
Sent: Tuesday, July 30, 2019 3:21 PM
To: Smith, Bob A <Bob.A.Smith@wv.gov>
Subject: [External] Fwd: Information on PCE removal device

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The attachments show the Tray Stripper

---------- Forwarded message ---------
From: **Logan J. Alastanos** <lalastanos@thethrashergroup.com>
Date: Mon, Feb 11, 2019 at 7:43 AM
Subject: RE: Information on PCE removal device
To: Josh Billiter <josh.billiter.padencity@gmail.com>

Josh,

Please find the attached quote, drawings, brochure and model testing results information for the Air Stripper.

Let me know if you need any more information

LOGAN ALASTANOS

Staff Engineer | The Thrasher Group, Inc.

office: 304-326-6136| 800-273-6541

From: Josh Billiter [mailto:josh.billiter.padencity@gmail.com]
Sent: Saturday, February 09, 2019 12:52 PM
To: Logan J. Alastanos
Subject: Re: Information on PCE removal device

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Sounds good, thank you.

On Thu, Feb 7, 2019, 1:00 PM Logan J. Alastanos <lalastanos@thethrashergroup.com wrote:

I'm in the field for today and tomorrow but I will get the information over to you as soon as I can.

On Feb 7, 2019, at 12:43 PM, Josh Billiter <josh.billiter.padencity@gmail.com> wrote:

CAUTION: External E-mail

Logan need to get some information on the PCE removal device, so I can forward it to EPA to see if they would pony up and buy it for us. Also want to drag the Governor and Reps in on this issue. We have surpassed the MCL

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Josh Billiter

Public Works Director

City of Paden City

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Cell 304-771-6968

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