Message

From: Russo, Todd [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7431271DED174CFAB2FE664406154CDB-RUSSO, TODD]
Sent: 9/24/2021 8:51:34 PM
To: Kemker, Carol [Kemker.Carol@epa.gov]; Lamberth, Larry [Lamberth.Larry@epa.gov]; Newman, Keriema [Newman.Keriema@epa.gov]; Denis Kler [Kler.Denis@epa.gov]; Taylor, Kevin [Taylor.Kevin@epa.gov]; Mills, Andrew [mills.andrew@epa.gov]; Jason Dressler [Dressler.Jason@epa.gov]; Pratt, Marirose [Pratt.Marirose@epa.gov]; Gregory Fried (Fried.Gregory@epa.gov) [Fried.Gregory@epa.gov]; Caballero, Kathryn [Caballero.Kathryn@epa.gov]; Foley, Patrick [Foley.Patrick@epa.gov]; Secrest, Cary [Secrest.Cary@epa.gov]
BCC: Russo, Todd [Russo.Todd@epa.gov]
Subject: FW: NEW-INDY CATAWBA LLC STEAM STRIPPER STATUS

An email chain of stripper updates below.

Regards,

Todd Russo
Chief, Air Enforcement Branch
Enforcement and Compliance Assurance Division
U.S. EPA Region 4
Tel: (404) 562-9194

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From: Pete Cleveland <pete.cleveland@new-indycb.com>
Sent: Friday, September 24, 2021 4:48 PM
To: reynolds@dhec.sc.gov
Cc: Rippy, Crystal <RIPPYCD@dhec.sc.gov>; Miller, Matthew W. <millermw@dhec.sc.gov>; Dan Mallett <dan.mallett@new-indycb.com>; Tony Hobson <tony.hobson@new-indycb.com>; Jim Cobery <JimC@TheKraftGroup.com>; Randy Lowell <rlowell@willoughbyhoefer.com>; Russo, Todd <Russo.Todd@epa.gov>
Subject: RE: NEW-INDY CATAWBA LLC STEAM STRIPPER STATUS

Scott:

- Stripper Outage remains on schedule. Maintenance work continues.
- ORP system continues to operate in control. Check valve installed effectively with no issues.
- ORP target to a lower mV setpoint resulted in pump cycling events, so it was abandoned and returned to the previously more stable operation with a higher base load of peroxide.
- Unless something changes over the weekend with the outage schedule or ORP control system, I will resume these updates on Monday.

PETE CLEVELAND
Technical Manager
Office: (803) 981-8206

NEW INDY

From: Pete Cleveland
Sent: Friday, September 24, 2021 11:02 AM
To: Reynolds, Scott <REYNOLDS@dhec.sc.gov>
Cc: Rippy, Crystal <RIPPYCD@dhec.sc.gov>; Miller, Matthew W. <millermw@dhec.sc.gov>; Dan Mallett <Dan.Mallett@new-indycb.com>; Tony Hobson <tony.hobson@new-indycb.com>; Jim Cobery <JimC@TheKraftGroup.com>; Randy Lowell <rlowell@willoughbyhoefer.com>; Todd Russo <Russo.Todd@epa.gov>
Subject: RE: NEW-INDY CATAWBA LLC STEAM STRIPPER STATUS

Scott:

- Stripper Outage remains on schedule. Maintenance work has begun.
- ORP system continues to operate in control. There may be a very short blip in ORP signal while a check valve is installed this morning in the sample line (anticipating only 5-10 minute duration). During this check valve installation, the peroxide pump will remain in service, and there should be zero impact on condensate treatment in the hard pipe for these few minutes. Additionally, the data has demonstrated that we are successfully maintaining ORP well above the zero-point which will be sustained throughout the check valve installation period.
- Given the control system's sustained success, we are refining the peroxide dosing controls to address excess peroxide usage, and you will see a corresponding shift down in ORP reading (moving closer to the initially planned target of +50 mV). *The activity shown at the end of the ORP trend chart which was just sent is due to this control adjustment.*

PETE CLEVELAND
Technical Manager
Office: (803) 981-8206
NEW INDY

From: Pete Cleveland
Sent: Thursday, September 23, 2021 6:17 PM
To: Reynolds, Scott <REYNOLDS@dhec.sc.gov>
Cc: Rippy, Crystal <RIPPYCD@dhec.sc.gov>; Miller, Matthew W. <millermw@dhec.sc.gov>; Dan Mallett <Dan.Mallett@new-indycb.com>; Tony Hobson <tony.hobson@new-indycb.com>; Jim Cobery <JimC@TheKraftGroup.com>; Randy Lowell <rlowell@willoughbyhoefer.com>; Todd Russo <Russo.Todd@epa.gov>
Subject: RE: NEW-INDY CATAWBA LLC STEAM STRIPPER STATUS

Scott:

EOD Update:

- Outage is on schedule. Locks on, blanks installed, cool down phase in progress.
- ORP system continues to operate in control.
- Hourly eMail messages are now re-established.

PETE CLEVELAND
Technical Manager
Office: (803) 981-8206
NEW INDY

From: Pete Cleveland
Sent: Thursday, September 23, 2021 2:00 PM
To: Reynolds, Scott <REYNOLDS@dhec.sc.gov>
Cc: Rippy, Crystal <RIPPYCD@dhec.sc.gov>; Miller, Matthew W. <millermw@dhec.sc.gov>; Dan Mallett <Dan.Mallett@new-indycb.com>; Tony Hobson <tony.hobson@new-indycb.com>; Jim Cobery <JimC@TheKraftGroup.com>; Randy Lowell <rlowell@willoughbyhoefer.com>; Todd Russo <Russo.Todd@epa.gov>
Subject: RE: NEW-INDY CATAWBA LLC STEAM STRIPPER STATUS

Scott:

Update.

The ORP system has continued to prove its capabilities and responsiveness, and we are moving forward with the outage. Flushing will be completed by around 5:00pm, at which time Lock-out/Tag-out will commence (complete by approximately 8:00pm this evening), and Maintenance activities will begin afterwards.

Automated eMail messages are currently scheduled to resume at 3:00pm this afternoon.

PETE CLEVELAND
Technical Manager
Office: (803) 981-8206

NEW INDY

From: Pete Cleveland
Sent: Wednesday, September 22, 2021 5:53 PM
To: Reynolds, Scott <REYNOLDS@dhec.sc.gov>
Cc: Rippy, Crystal <RIPPYCD@dhec.sc.gov>; Miller, Matthew W. <millermw@dhec.sc.gov>; Dan Mallett <Dan.Mallett@new-indycb.com>; Tony Hobson <tony.hobson@new-indycb.com>; Jim Cobery <JimC@TheKraftGroup.com>; Randy Lowell <rlowell@willoughbyhoefer.com>; Todd Russo <Russo.Todd@epa.gov>
Subject: RE: NEW-INDY CATAWBA LLC STEAM STRIPPER STATUS

Scott:

Quick update.

The ORP system issues appear to be resolved and is currently functioning very well, and we continue to monitor the system for proper response and reactivity. If the system continues to function as expected, we are on schedule to begin the maintenance portion of the outage tomorrow evening (Thursday, Sept. 22). Should any issues develop to prevent the ORP system from functioning as it should during this evaluation period, we will delay the stripper outage until the issue(s) can be resolved.

Regards,

PETE CLEVELAND
Technical Manager
Office: (803) 981-8206

NEW INDY

From: Pete Cleveland
Sent: Wednesday, September 22, 2021 11:23 AM
To: Reynolds, Scott <REYNOLDS@dhec.sc.gov>
Cc: Rippy, Crystal <RIPPYCD@dhec.sc.gov>; Miller, Matthew W. <millermw@dhec.sc.gov>; Dan Mallett <Dan.Mallett@new-indycb.com>; Tony Hobson <tony.hobson@new-indycb.com>; Jim Cobery <JimC@TheKraftGroup.com>; Randy Lowell <rlowell@willoughbyhoefer.com>
Subject: RE: NEW-INDY CATAWBA LLC STEAM STRIPPER STATUS

Scott:

We will certainly make the distribution list additions. Lots of activity onsite right now with finalizing the implementation of our ORP monitoring plan (will certainly be well-tested and vetted prior to beginning the stripper outage activities). Will keep you posted.

PETE CLEVELAND
Technical Manager
Office: (803) 981-8206

NEW INDY

From: Reynolds, Scott <REYNOLDS@dhec.sc.gov>
Sent: Wednesday, September 22, 2021 10:33 AM
To: Dan Mallett <Dan.Mallett@new-indycb.com>
Cc: Pete Cleveland <pete.cleveland@new-indycb.com>; Rippy, Crystal <RIPPYCD@dhec.sc.gov>; Miller, Matthew W. <millermw@dhec.sc.gov>
Subject: Re: NEW-INDY CATAWBA LLC STEAM STRIPPER STATUS

External E-Mail - Caution - This email originated outside of New-Indy.

Thanks for the update.
When reports recommence, please add Crystal Rippy and Matt Miller (copied) to the list of recipients.

Is it safe to expect some leadup/testing of the system prior to Stripper shut down reflected in the reports like there was on Saturday?

Again, if the ORP output (and supporting parameters) can be provided in a table, that would be preferable.

So we can better understand and interpret the ORP signal, we would like to see some supporting information:
Any planned /actual changes to flow, composition, or source of flow through the hard pipe,
Related process control data (from hard pipe, or ASB inlet and outlet) - in particular flow , pH, Dissolved Oxygen and Sulfides.

If there are other parameters that you find useful to monitor the performance of the system and load to the ASB, If you can provide, that could help avoid some questions as we go forward.

Please don't hesitate to call us if you have any questions.

Scott Reynolds

Senior Scientist
S.C. Dept. of Health & Environmental Control
Office: (803) 898-3305

www.scdhec.gov

From: Dan Mallett <Dan.Mallett@new-indycb.com>
Sent: Tuesday, September 21, 2021 4:19 PM
To: Reynolds, Scott <REYNOLDS@dhec.sc.gov>; Shealy, Renee <shealyrg@dhec.sc.gov>
Subject: NEW-INDY CATAWBA LLC STEAM STRIPPER STATUS

*** Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. ***

Good afternoon,
I am providing an update to the steam stripper maintenance program as discussed during our Monday conference call. As of this time, the stripper remains online. We continue to source instrumentation to provide redundancy in the ORP measurement program to ensure continuous monitoring throughout the stripper outage. This equipment is projected to arrive in the morning. Once installed, we anticipate initiating shutting down the unit later in the day. I will provide an update Wednesday on the status of this project.

Please contact me with any questions.

DANIEL MALLETT
Environmental Manager
Office: (803) 981-8010
Mobile: (207) 951-6216

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