

From: Hunter Adams
Sent: Fri, 24 Jul 2015 13:22:21 -0500
To: Chris Connolly
Cc: Watts, Michael J.; David Sloan; Daniel Nix; Mark Southard
Subject: Re: Testing Protocol for Wichita Falls Pilot
Attachments: Garver Report 072415.pdf

Attached are the results from the TOC samples that were left for us to analyze.

Let me know if you have any questions.

On Mon, Jul 13, 2015 at 11:11 AM, Chris Connolly <Chris.Connolly@freese.com> wrote:

Okay, will do.

-Chris

From: Watts, Michael J. [mailto:MJWatts@GarverUSA.com]
Sent: Monday, July 13, 2015 10:56 AM
To: Chris Connolly; David Sloan
Cc: Daniel Nix; Hunter Adams; Mark Southard
Subject: RE: Testing Protocol for Wichita Falls Pilot

Chris –

Amazon is shipping out extra freezer gel packs that should be delivered to Cypress tomorrow. When you get to Cypress make sure to unpack those first and re-freeze. There is an additional shipment of insulated shipping boxes that will be delivered on Wednesday. At least one of these boxes will be for packing up the samples (with room for gel packs) to send to Hazen & Sawyer. -Mike

From: Chris Connolly [mailto:Chris.Connolly@freese.com]
Sent: Monday, July 13, 2015 8:02 AM
To: Watts, Michael J.; David Sloan
Cc: Festger, Adam; Haas, Robert (rhaas@trojanuv.com); Daniel Nix; Hunter Adams; Mark

Southard

Subject: RE: Testing Protocol for Wichita Falls Pilot

David and Mike,

I'll print out and bring the blank Daily Pilot Reports. My cell phone number is [\(972\) 358-0998](tel:9723580998) if you need to contact me.

Looking forward to it!

-Chris

From: Watts, Michael J. [<mailto:MJWatts@GarverUSA.com>]

Sent: Sunday, July 12, 2015 2:07 PM

To: David Sloan; Chris Connolly

Cc: Festger, Adam; Haas, Robert (rhaas@trojanuv.com); Daniel Nix; Hunter Adams; Mark Southard

Subject: RE: Testing Protocol for Wichita Falls Pilot

Chris / David –

I have attached the updated protocol following the discussion with Trojan on Friday.

Chris –

I would recommend printing out at least 4-dozen, blank Daily Pilot Reports to take with you to Wichita Falls. I will be available anytime on Tuesday and until 5:30 pm on Wednesday. My cell phone number is [919-599-1982](tel:9195991982).

Thanks!

-Mike

Michael J. Watts, PhD, PE
Garver
[214-619-9010](tel:214-619-9010)

From: David Sloan [<mailto:DWS@freese.com>]
Sent: Friday, July 10, 2015 4:50 PM
To: Chris Connolly
Cc: Watts, Michael J.
Subject: FW: Testing Protocol for Wichita Falls Pilot

Chris: I'm forwarding the current testing protocol for the research project in Wichita Falls next week. Mike Watts with Garver is the lead investigator. We had a call this afternoon with Trojan UV, and Mike is going to be tweaking the protocol with some refinements we discussed. I'll be visiting with you more to firm up all the logistics, but wanted you to have this as a starting point.

Have a good weekend.

DAVID SLOAN / FREESE AND NICHOLS, INC.

From: Watts, Michael J. [<mailto:MJWatts@GarverUSA.com>]
Sent: Friday, July 10, 2015 2:49 PM
To: David Sloan
Subject: RE: Testing Protocol for Wichita Falls Pilot

Try this version.

Michael J. Watts, PhD, PE
Garver
[214-619-9010](tel:214-619-9010)

From: David Sloan [<mailto:DWS@freese.com>]
Sent: Friday, July 10, 2015 2:40 PM
To: Watts, Michael J.
Subject: RE: Testing Protocol for Wichita Falls Pilot

Mike, seeing a number of blank pages for some reason.

DAVID SLOAN / FREESE AND NICHOLS, INC.

From: Watts, Michael J. [<mailto:MJWatts@GarverUSA.com>]
Sent: Friday, July 10, 2015 2:27 PM
To: Festger, Adam; Haas, Robert (rhaas@trojanuv.com); David Sloan
Subject: Testing Protocol for Wichita Falls Pilot

All –

Please see the attached testing protocol for discussion on the call this afternoon.

Thanks,

Mike



Michael J. Watts, PhD, PE

Senior Process Engineer

Water Technology Leader

Office: [214-619-9010](tel:214-619-9010)

Mobile: [919-599-1982](tel:919-599-1982)

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--

J. Hunter Adams, M.S.

Water Laboratory Supervisor

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PWS ID: TX2430001

City of Wichita Falls
Cypress Water Purification Lab
4801 Big Ed Neal Drive
Wichita Falls, TX 76310
(940) 691-1153



T104704384

TOC Sample Analysis Report

Report Date: July 24, 2015

Analyte: TOC, mg/L

Date	Sample	Result	Method
No Date Listed	Blank Label	13.31	SM 5310B
No Date Listed	Blank Label	13.23	SM 5310B
No Date Listed	WRTx UV – RO 2A	6.69	SM 5310B
No Date Listed	WRTx UV – RO 2A	6.54	SM 5310B
07/15/15	WRTX – Lawton	11.39	SM 5310B
07/15/15	WRTx MF-1	6.38	SM 5310B
07/21/15	WRTx RO Study Characterization	0.67	SM 5310B
07/22/15	WRTx Pilot Study RO H ₂ O ₂ 1A	1.05	SM 5310B
07/22/15	WRTx Pilot Study RO H ₂ O ₂ 1A	1.07	SM 5310B
07/22/15	WRTx Study MF Characterization	6.53	SM 5310B
07/22/15	WRTx Study MF Characterization	6.41	SM 5310B

J Hunter Adams, M.S.
Water Laboratory Supervisor
Cypress Water Purification Lab