Message

From: Wilson, Jennifer [wilson.jenniferA@epa.gov]
Sent: 8/28/2018 5:41:49 PM
To: Burdett, Cheryl [burdett.cheryl@epa.gov]
Subject: RE: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring

Got it. I need to reevaluate the e-mail I sent then because I am pretty sure I counted some from that tab.

From: Burdett, Cheryl
Sent: Tuesday, August 28, 2018 11:57 AM
To: Wilson, Jennifer <wilson.jenniferA@epa.gov>
Subject: RE: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring

No, the other samples were not located within Juneau or Wood Counties.

Cheryl Burdett

From: Wilson, Jennifer
Sent: Tuesday, August 28, 2018 9:48 AM
To: Burdett, Cheryl <burdett.cheryl@epa.gov>; Holst, Linda <holst.linda@epa.gov>
Cc: Baltazar, Debbie <baltazar.debbie@epa.gov>; Poy, Thomas <poy.thomas@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring

Hi Cheryl,

If you look at the tab called "ALL TSAMP 2018 (2)" and column CK, there are more than 15 homes over the nitrate limit. These homes were also sampled in 2018. Are these homes not in Juneau or Wood County? I can't tell because they don't have a location included.

Thank you,
Jenny

From: Burdett, Cheryl
Sent: Tuesday, August 28, 2018 9:28 AM
To: Wilson, Jennifer <wilson.jenniferA@epa.gov>; Holst, Linda <holst.linda@epa.gov>
Cc: Baltazar, Debbie <baltazar.debbie@epa.gov>; Poy, Thomas <poy.thomas@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring

Hi Jennifer and Linda:

Yes, both data sets of 15 homes were over 10.0 mg/L.

Cheryl Burdett

From: Wilson, Jennifer
Sent: Tuesday, August 28, 2018 8:54 AM
To: Burdett, Cheryl <burdett.cheryl@epa.gov>; Holst, Linda <holst.linda@epa.gov>

Cc: Baltazar, Debbie <baltazar.debbie@epa.gov>; Poy, Thomas <poy.thomas@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring

Hi Cheryl,

I know the houses are the same, but we are wondering if the subset of homes that are over the nitrate MCL of 10 mg/L is the same in both data sets.

Thank you,
Jenny

From: Burdett, Cheryl
Sent: Tuesday, August 28, 2018 8:13 AM
To: Holst, Linda <holst.linda@epa.gov>; Wilson, Jennifer <wilson.jenniferA@epa.gov>
Cc: Baltazar, Debbie <baltazar.debbie@epa.gov>; Poy, Thomas <poy.thomas@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring

Hello Jenny and Linda:

Yes, the houses that were sampled by WDATCP were the same that had already been tested by Juneau and Wood counties.

Cheryl Burdett

From: Holst, Linda
Sent: Monday, August 27, 2018 8:15 PM
To: Wilson, Jennifer <wilson.jenniferA@epa.gov>; Burdett, Cheryl <burdett.cheryl@epa.gov>
Cc: Baltazar, Debbie <baltazar.debbie@epa.gov>; Poy, Thomas <poy.thomas@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>
Subject: Fwd: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring

Ex. 5 AC/AWP/DP

Begin forwarded message:

> **From:** "Wilson, Jennifer" <wilson.jenniferA@epa.gov>
> **Date:** August 22, 2018 at 3:32:22 PM CDT
> **To:** "Holst, Linda" <holst.linda@epa.gov>
> **Cc:** "Poy, Thomas" <poy.thomas@epa.gov>, "Mikalian, Charles" <mikalian.charles@epa.gov>, "Baltazar, Debbie" <baltazar.debbie@epa.gov>, "Payne, James" <payne.james@epa.gov>
> **Subject: RE: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring**
>
> Hi Everyone,

Ex. 5 AC/AWP/DP

Ex. 5 AC/AWP/DP

Have a good afternoon,
Jenny

From: Wilson, Jennifer
Sent: Tuesday, August 21, 2018 6:13 PM
To: Holst, Linda <holst.linda@epa.gov>
Cc: Poy, Thomas <poy.thomas@epa.gov>; Mikalian, Charles <mikalian.charles@epa.gov>; Baltazar, Debbie <baltazar.debbie@epa.gov>; Payne, James <payne.james@epa.gov>
Subject: RE: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring

Hi Everyone,

I checked the pesticide list and there are no other MCLs. I also checked the unregulated contaminant monitoring list for UCMR 4 since it has some pesticides on it and, of the detected contaminants, none of them are part of UCMR 4. However, eight of them were on UCMR 2 (acetochlor, acetochlor ESA, acetochlor OA, alachlor ESA, alachlor OA, metolachlor, metolachlor ESA, and metolachlor OA). Acetochlor was also part of UCMR 1.

Ex. 5 AC/AWP/DP

Ex. 5 AC/AWP/DP

Finally, I e-mailed WDATCP and found out that the units for nitrate are in ppm, but the units for the pesticides are in ppb. Thus, after converting the units to ppm, there are no exceedances of the atrazine MCL.

Have a good night,
Jenny

From: Holst, Linda
Sent: Monday, August 20, 2018 5:41 PM
To: Wilson, Jennifer <wilson.jenniferA@epa.gov>
Cc: Poy, Thomas <poy.thomas@epa.gov>; Mikalian, Charles <mikalian.charles@epa.gov>; Baltazar, Debbie <baltazar.debbie@epa.gov>; Payne, James <payne.james@epa.gov>
Subject: Re: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring

Thanks. When I did the list of pesticides with detects, I looked at the entire spreadsheet, not just Juneau County. Maybe that explains Alachlor.

On Aug 20, 2018, at 4:25 PM, Wilson, Jennifer <wilson.jenniferA@epa.gov> wrote:

> Enforcement confidential. Do not release for FOIAs or discoveries. Subject to attorney/client privileges.
>
> Hi Linda,
>
> We do have MCLs for alachlor and atrazine. The former is 0.002 mg/L and the latter is 0.003 mg/L. I quickly looked at the spreadsheet and it does not look like alachlor was detected at all, but I will double check since I skimmed. Atrazine was detected and I believe it was detected above the MCL if the results are in mg/L. I don't know for sure because there are no units on the results.

Ex. 5 Deliberative Process (DP)

> With regards to the other contaminants, I do not believe that we have MCLs, but I will double check their CAS numbers in the regulations because many compounds have multiple names.
>
> Let me know if you have any questions, concerns, or comments.
>
> Thank you,
> Jenny

> **From:** Holst, Linda
> **Sent:** Monday, August 20, 2018 2:14 PM
> **To:** Poy, Thomas <poy.thomas@epa.gov>; Wilson, Jennifer <wilson.jenniferA@epa.gov>
> **Cc:** Baltazar, Debbie <baltazar.debbie@epa.gov>
> **Subject:** RE: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring
>
> Do we have MCLs for the following pesticides that showed a detect in the data WDNR sent?

ACETOCHLOR
ALACHLOR
ATRAZINE
BENTAZON
CHLORANTRANILIPROLE
CLOTHIANIDIN
DE-ETHYL ATRAZINE
DEISOPROPYL ATRAZINE
DIAMINO ATRAZINE
DIMETHENAMID OA
FLUMETSULAM
HEXAZINONE
IMIDACLOPRID
METALAXYL
METOLACHLOR
METRIBUZIN
NORFLURAZON
THIAMETHOXAM

From: Holst, Linda
Sent: Monday, August 20, 2018 7:25 AM
To: Payne, James <payne.james@epa.gov>
Subject: Fwd: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring

FYI. I'm assuming we don't have MCLs for many pesticides but will check with Tom.

Begin forwarded message:

> **From:** "Zellmer, James A - DNR" <James.Zellmer@wisconsin.gov>
> **Date:** August 18, 2018 at 6:11:07 PM CDT
> **To:** "Poy, Thomas" <poy.thomas@epa.gov>, "Holst, Linda" <holst.linda@epa.gov>, "Baltazar, Debbie" <baltazar.debbie@epa.gov>
> **Subject: FW: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring**
>
> FYI. Results from recent sampling conducted by WI DATCP. This information has already been shared with others at EPA.
> Jim
>
> **We are committed to service excellence.**
> Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.
>
> James A. Zellmer
> Phone: (608) 267-7651
> james.zellmer@wisconsin.gov
>
> ---
>
> **From:** Rheineck, Bruce D - DNR

Sent: Thursday, August 16, 2018 3:48 PM
To: Zellmer, James A - DNR
Cc: Burton, Kyle - DNR
Subject: FW: Emailing: TSAMP_08_16_18 (Armenia) Juneau Co GW Monitoring

FYI

Chlorantraniliprole (insecticide, first registered in 2008) was detected in 12 of 15 private wells.

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Bruce D. Rheineck
Phone: (608) 266-2104
BruceD.Rheineck@wisconsin.gov

From: Senger, Stan A - DATCP
Sent: Thursday, August 16, 2018 3:07 PM
To: Rheineck, Bruce D - DNR <BruceD.Rheineck@wisconsin.gov>; Yang, Sarah P - DHS <SarahP.Yang@dhs.wisconsin.gov>; Burdett, Cheryl <burdett.cheryl@epa.gov>; mkomiskey@co.juneau.wi.us; Eggleston, Nancy <neggleston@co.wood.wi.us>; Theis, Barbara <btheis@co.juneau.wi.us>
Cc: Bowman, Lori G - DATCP <Lori.Bowman@wisconsin.gov>; Personette, Robby E - DATCP <Robby.Personette@wisconsin.gov>; McColloch, Mark S - DATCP <Mark.McColloch@wisconsin.gov>; Mysz, Amy (mysz.amy@epa.gov) <mysz.amy@epa.gov>; Bruce Wilkinson (wilkinson.bruce@epa.gov) <wilkinson.bruce@epa.gov>; Gilson, Donna J - DATCP <Donna.Gilson@wisconsin.gov>; Graham, Rick C - DATCP <Rick.Graham@wisconsin.gov>; Cook, Cody J - DATCP <Cody.Cook@wisconsin.gov>
Subject: Emailing: TSAMP_08_16_18

We have received the test results for the Towns of Armenia and Nekoosa. Please find attached the results for all Targeted Sampling so far in 2018, including results for 15 potable wells tested in the Towns of Armenia and Nekoosa on July 11th (Juneau and Wood Counties). Note that all other results so far are from wells sampled in Central Sands counties Portage, Waushara and Adams. Also attached is a table of our Bureau of Laboratory Services reporting limits for all analytes.

Notes:

- Tab one is all results for testing to-date in 2018, tab two is just the Juneau/Wood County data.

- The spreadsheet includes testing for about 100 pesticides, plus nitrate. Note that a zero (0) indicates "less than detect".
- The data has been sorted first by date, and then by nitrate concentration (high to low).
- All of the Juneau/Wood samples exceeded the NR140 ES for nitrate (>10 mg/L).
- Numerous pesticides were detected, but no pesticides exceed established enforcement standards or MCLs.
- All homeowners have been mailed their test results. The Town of Armenia folks should receive their letters tomorrow or by Monday at the latest.
- Mailings included nitrate advisory notices, and brochures for elevated nitrate and pesticide detects.

Please share this information with others, as necessary.

Sincerely,

Stanley Senger
Hydrogeologist – Division of Agricultural Resource Management
Department of Agriculture, Trade and Consumer Protection
2811 Agriculture Drive, Madison, WI 53708-8901
Ph. (608)224-4503
stan.senger@wisconsin.gov

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