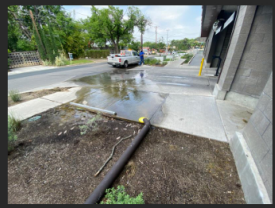


- Chat**
- Pinned**
- GDS TEAM** 12:16 PM
You: Yeah I found it from the 1210 S Lamar me...
- ASC Section** 8:42 AM
Hiers, Scott: ProCards are due this week
- Sydow, Lindsey** 8/6
Takes okay - feel better!
- Hiers, Scott** 8/5
You: sure, or just a shirt. Whichever
- Markowski, Michael** 12:01 PM
You: Thanks
- Andrews, Alan** 8/2
The lahoe doesn't have a roof rack does it?
- Duffy, Katie** 6/21
aaron hicks
- Clayton, Robert** 8/4
You: I gotcha I gotcha
- Jackson, Todd** 8/6
You: heya, give me a call when you have a chance ...
- Clamann, Andrew** 6/15
You: Do you have a "best" time this week to run L...
- Wagner, Staryn** 7/26
You: you free to chat for a second?
- Bendik, Nathan** 7/20
You: Mmk, I'll get with someone. Haven't upload...
- Donelson, Sarah** 7/8
You: yeah
- Gonzalez, Ana** 7/8
You: Running 5 min behind. I'll be in soon

1210 S. Lamar Chat Files Meeting Notes Whiteboard + Join

Hiers, Scott added Markowski, Michael and 5 others to the chat.
 Hiers, Scott named the meeting to 1210 S. Lamar.
 Meeting ended 32s 4/22/20 9:30 AM
 Meeting started 4/22/20 9:31 AM

Hebrink, Ryan 4/22/20 9:38 AM
 pH: 7.76
 Specific Conductivity: 880 µS/CM
 DO: 8.0 mg/L
 Temp: 25.85 C



4/22/20 9:44 AM
 Sorry took me a minute

Kelly, Patrick 4/22/20 9:48 AM



Markowski, Michael 4/22/20 10:11 AM
 David Marquez is DSD Drainage Review

4/22/20 10:16 AM
<https://austin.maps.arcgis.com/apps/opsdashboard/index.html#/9b7ca6ca0486473e9f5f06f081f0ded2>

Can visit our SharePoint page, search GDS. This link is always there on the front page

4/22/20 10:40 AM
 Later, I gotta go complete myself

Meeting ended 1h 10m 4/22/20 10:41 AM

Kelly, Patrick 4/22/20 10:49 AM
 AW leak detection grabbed a sample this morning and took to lab for potable water check. Not e.coli though. Expect results back monday. They are also canvassing the area today and tomorrow with loggers to listen to pipes and try to find any leaks.

4/22/20 10:50 AM
 I told them we will grab e.coli and report back our finding and at that point decide if we need to learn more on wastewater investigation. Think all is coming together nicely

Hebrink, Ryan 4/22/20 11:38 AM
 Nice. Thanks for the report Patrick. Go team.

April 23, 2020

Kelly, Patrick 4/23/20 9:45 AM
 Morning folks! Scott, do you know how much rain we got or how we are looking for e.coli samples?

Sydow, Lindsey 4/23/20 9:47 AM
 I just looked it up on LCRA. While it rained nearly half an inch up north near me (so i assumed we'd be out) it looks like it didn't even rain a tenth of an inch near 2010 S. Lamar, so y'all would be able to take a sample

Kelly, Patrick 4/23/20 9:49 AM
 Awesome thanks! I am on pager duty today and can meet anyone out there. I think Lauren is willing to meet as well and may be available tomorrow?... I'm sorry for being paranoid about going in to OTC, would anyone be willing to meet with Sonde and to run samples?
 I can go in today if necessary, just if someone else is going in to OTC anyway

Parrish, Lauren 4/23/20 9:59 AM
 Well I guess that will be me
 When are you wanting to do the sampling? I've got a few things to do this morning but I should be good by noon

Hiers, Scott 4/23/20 11:05 AM
 Ok. I want make sure we are on the same page. Who, what and when? Who - Lauren and Patrick? What - Collect 3 - replicates of pH, Cond, and e. coli, When - at around 1:00 PM?

Parrish, Lauren 4/23/20 11:20 AM
 Patrick is on pager today so he might be on a call, i will coordinate with him later. But yes Patrick and I will take the samples/parameters you described above. I will be the only one going in to OTC to run and read the e.coli
 since i have already been in side OTC on Tuesday. Limits the amount of people that have to go in there. Patrick is going to help me out in the field and coordinate results with the interested parties.

Hebrink, Ryan 4/23/20 11:22 AM
 Thank you Parrish, Lauren and Kelly, Patrick!

Hiers, Scott 4/23/20 11:27 AM
 You all are Awesome!!! This meaning running and reading the e. coli sample in our lab. Lauren do you need help or want help?

Parrish, Lauren 4/23/20 11:33 AM

Parrish, Lauren 4/23/20 11:40 AM
I can run them in the lab, I've done that many times. It has been a minute since I have read them, so if anyone has or wants to make me a quick guide for reading it that would be cool 🙏

Sydow, Lindsey 4/23/20 11:40 AM
There is a guide for counts on the binders that you write everything down in. I believe the black light is on the shelf to the left of the sink in a white box unless it's moved since I last used it

Parrish, Lauren 4/23/20 11:40 AM
thanks 🙏

Sydow, Lindsey 4/23/20 11:48 AM
Also all the "food" powder for the ecoli is in a bin on the top shelf of the cabinet to the left of Todd's desk. 🙏 1

Kelly, Patrick 4/23/20 11:55 AM
First you spray glow in the dark paint everywhere and then turn on the black light and the trippy music 🙏 1
JK...we just use the small black light and tally up the cells that fluoresce. There is a chart on the binder. You can put me on video or speaker phone and I can walk you through it.

4/23/20 11:56 AM
Or I can run up and join you/ just go read them after you set em up. Let me know

April 24, 2020

Sydow, Lindsey 4/24/20 1:29 PM
Lauren when you have e.coli counts can you please post them here along with the sonde readings?
Thanks!

Parrish, Lauren 4/24/20 3:19 PM
I just took the samples this afternoon

4/24/20 3:20 PM
Gotcha, do you want me to go read them tomorrow? Or you got it?

Parrish, Lauren 4/24/20 3:20 PM
I got it 🙏 1

My first sample didn't fill all of the cells. I spilled a little bit out of the top when putting it through the sealer



4/24/20 3:21 PM
Just make a note when writing it in the logbook there

Parrish, Lauren 4/24/20 3:21 PM
Everything else is full with no bubbles except the top row

4/24/20 3:22 PM
Sounds good

Parrish, Lauren 4/24/20 3:32 PM
Bugs are in the oven. I also took three separate sonde readings if you are interested in that info as well. The parameters kind of varied but I took them all within minutes of each other from the same flowing pipe 🙏 1

4/24/20 3:33 PM
interesting...yeah please post em if you don't mind 🙏 1

Hiers, Scott 4/24/20 4:04 PM
Lauren, Thank You!!!!

Parrish, Lauren 4/24/20 4:16 PM
Sonde Data
Sample 1 2:15pm
pH 7.32
DO 6.25
Cond 845.6
Temp 25.4
Sample 2 2:16 pm
pH 7.38
DO 7.53
Cond 859
Temp 22.5
Sample 3 2:16 pm
pH 7.60
DO 8.25
Cond 869
Temp 21.8
I had to take them quickly because the sump pump only runs for about 6-7 minutes.
I also recalibrated the sonde at the lab today before going to the site 🙏 2

4/24/20 4:18 PM
Thanks!

Sydow, Lindsey 4/24/20 4:18 PM
Thanks! Which sonde was it? The conductivity can bounce around but if the pH is drifting steadily upward like that it may be time for the sonde to be serviced. Did it ever "settle?"

4/24/20 4:19 PM
I believe it's likely their sonde.

Parrish, Lauren 4/24/20 4:19 PM
This is our sonde. We have had it for less than a year I believe

4/24/20 4:19 PM
When calibrating did it drift?

Parrish, Lauren 4/24/20 4:19 PM
🙏 2

No it calibrated fine

4/24/20 4:19 PM
Mmmk cool

Sydow, Lindsey 4/24/20 4:20 PM
weird...but like you said since you were having to take them quickly too it might just not have had time to even out completely

Parrish, Lauren 4/24/20 4:21 PM
Possible but we let it settle to where it wasn't bouncing too much.

Hiers, Scott 4/24/20 4:21 PM
Some units also have Conductivity probes that are setup to measurements compensated for temp. No big deal

Parrish, Lauren 4/24/20 4:22 PM
I wonder if it has anything to do with the water level in the sump. The temp got lower from the first to last readings.

Sydow, Lindsey 4/24/20 4:23 PM
Yeah that makes sense, and it got more oxygenated too

Hebrink, Ryan 4/24/20 4:24 PM Edited
Thanks so much for getting us some new data Parrish, Lauren

Hiers, Scott 4/24/20 4:24 PM Edited
We need to check, but the readings seem a little outside the ranges for GW, perhaps a mixture of GW and Wastewater? Thoughts?

4/24/20 4:31 PM
just a tiny bit high on the pH side right?

Sydow, Lindsey 4/24/20 4:31 PM
I think the e.coli results will really help us out on this one—it does seem like a mixture based on UDA. But if e.coli comes back nil then I think it could potentially be groundwater just being tainted by something inside the basement, even just the concrete? I'm just spitballing here so don't hold me to this, but concrete is alkaline so if groundwater is seeping through it into the basement and then sitting on it until it is pumped out, that could (maybe) be what is raising the pH slightly above the groundwater values? Keep in mind I'm saying this having no idea how quickly that reaction happens/if that's actually a reasonable possibility


Parrish, Lauren 4/24/20 4:35 PM
Yea I would like to see what the e.coli tells us. I also haven't seen what the set up is down there either. Is it open to the air? Ect

Sydow, Lindsey 4/24/20 4:57 PM
if anyone has the hookup to access this full article (for which the abstract isn't super helpful but indicates it may be useful) I think it might be useful in the event our samples come back low on e.coli tomorrow: <https://www.sciencedirect.com/science/article/abs/pii/S0008884697001774?via%3Dihub>

Concrete Research Evolution of pH during in-situ leaching in small concrete cavities

Small amounts (0.4 cc) of neutral water placed in small cylindrical cavities (5 mm diameter) in concrete exposed to 100% relative humidity first devel...

www.sciencedirect.com



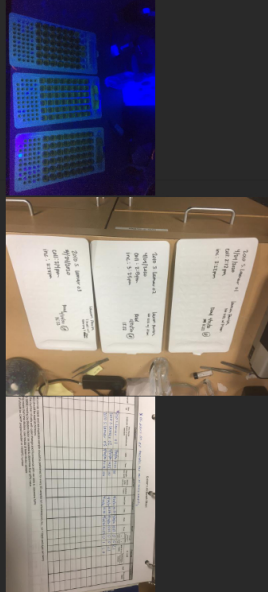
4/24/20 5:02 PM
interesting. I don't but would be interested in looking at it

Hiers, Scott 4/24/20 5:25 PM
See. When we all work together how AWESOME we can be!!! WQC and ASC Rock!!!!

4/24/20 5:28 PM
<https://www.youtube.com/watch?v=ef6ScL1gpY>

April 25, 2020

Parrish, Lauren 4/25/20 3:34 PM



No e.coli hits

Hiers, Scott 4/25/20 3:34 PM
0

Parrish, Lauren 4/25/20 3:36 PM
There was one small cell that had fluorescence out of all three

Hiers, Scott 4/25/20 3:36 PM
Ok. Weird? Even groundwater has low level e. coli

Parrish, Lauren 4/25/20 3:37 PM

Yea it's strange. Drinking water leak might make sense somewhere. If it carries a little chlorine it could be enough to kill e.coli but dissipate by the time it gets pumped out of the sump.

Hiers, Scott 4/25/20 3:38 PM
Well, no health and human safety issue.

Parrish, Lauren 4/25/20 3:38 PM
We didn't get any chlorine readings from the discharge
Yea so that's the good thing

Hiers, Scott 4/25/20 3:39 PM
UDA can be puzzling.
Wow, I wonder if Austin Water identified any leaks?

Parrish, Lauren 4/25/20 3:40 PM
Welp I'm off to go clean up paint thinner on the east side 😅 it's been a busy pager day. 1

Hiers, Scott 4/25/20 3:41 PM Edited
Sorry, Again, Thanks for all the hard work. 10,000 Awesome points and a very big THANK YOU!!!

Kelly, Patrick 4/25/20 3:43 PM
AW should have info for us Monday. They didnt get chlorine hit but we'll see what other parameters come back from the lab. There was that leaking 24" main on bluebonnet but that is repaired now

Hiers, Scott 4/25/20 3:43 PM Edited
Leak in Fire Control system and groundwater; or no groundwater and a lot of leaks???

Kelly, Patrick 4/25/20 3:44 PM
I talked to Jacob the lead with AW yesterday and as of noon they had been listening to all the pipes in the area and didnt find anything else

Hiers, Scott 4/25/20 3:51 PM
Since there is no human health issue, we don't need to dig any deeper. So, we report undetermined! Unless WPD management wants to go ahead with a Phase 3 UDA. My current understanding and direction is not proceed since there is no business need to continue the investigation. 2

Parrish, Lauren 4/25/20 4:10 PM
Yea I agree.

Today

12:40 PM

Trying to download this chat log for the current PIR request.

Popping this up on everyone's radar to let you all know that I'm working on grabbing this chat log

Hebrink, Ryan is out of office and may not respond.

Type a new message

🔍 ! 📎 🗨️ 📧 📧 📧 📧 📧

7/29

GDS+Scott
Andrews, Alan; Cool

Recent

1210 S. Lamar 12:41 PM
You: Popping this up on everyone's radar to le...