

## Greg Ulman

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**From:** Mark Mackey  
**Sent:** Thursday, February 13, 2025 1:48 PM  
**To:** Greg Ulman  
**Cc:** Kimberly Coyle; Peter Wegner  
**Subject:** FW: [External] LS 1 P2 fault 2/11/25

Just a quick update on the status of the station. B&M is currently onsite, they arrived around 10 am this morning to look at p2 and the faulted VFD. We had them bring their hoist truck as the pump is too large for us to pull in house with the hoist we currently have. The first thing the technicians did was pull the pump, they ended up doing a confined entry into the wet well to hook the pump up to their hoist cable. There was so much grease and rags they were unable to hook the pump from the surface. After they got the pump and the backup floats to the surface, they found the pump covered in larger deposits of hair and rags. The pump itself was packed solid with a mush of rags and grease. After cleaning the pump and floats they looked at the VFD for pump 2, they discovered that the backside of the drive had burnt out and melted the housing and some of the wiring.

Thankfully, we purchased a spare drive to keep on hand just for this kind of thing. We should order a replacement drive to replace the spare, as this is our largest and most important station on the east side of the collection system. I'm still waiting to hear from the guys regarding the pump. Josh, one of the technicians used his meg meter to test the motor windings and did not see any damage from the VFD fault. His theory is that there was a power surge when the pump was running that caused the drive to fault out. The p2 VFD was last replaced in 2009, the p1 VFD was replaced about an year ago.

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**From:** Mark Mackey  
**Sent:** Tuesday, February 11, 2025 2:02 PM  
**To:** Regina Weyenberg <[regina@bmtechservice.com](mailto:regina@bmtechservice.com)>  
**Cc:** Greg Ulman <[gulman@kronenwetter.org](mailto:gulman@kronenwetter.org)>  
**Subject:** RE: [External] LS 1 P2 fault 2/11/25

Thanks for the update.

Mark Mackey  
Operator – Kronenwetter Water Utility  
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**From:** Regina Weyenberg <[regina@bmtechservice.com](mailto:regina@bmtechservice.com)>  
**Sent:** Tuesday, February 11, 2025 10:38 AM  
**To:** Mark Mackey <[mmackey@kronenwetter.org](mailto:mmackey@kronenwetter.org)>  
**Cc:** Greg Ulman <[gulman@kronenwetter.org](mailto:gulman@kronenwetter.org)>  
**Subject:** Re: [External] LS 1 P2 fault 2/11/25

Good Morning - with looking at our schedule, I currently have this scheduled tentatively for Thursday . The guys are on a project currently that requires the large crane truck and the crane truck would be required to complete your service also.

I will let you know Wednesday afternoon if they finished the project and we can make it on Thursday, otherwise I will schedule for Monday.

Have a good day and I will let you know.

Thank you,

Regina Weyenberg | Inside Sales and Project Coordinator  
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On Tue, Feb 11, 2025 at 9:01 AM Mark Mackey <[mmackey@kronenwetter.org](mailto:mmackey@kronenwetter.org)> wrote:

Good morning, Regina.

Over the weekend we had an alarm from LS 1 indicating a p2 VFD fault. We tried to reset the pump and the drive but can not clear the fault. I suspect that something may be stuck in the pump, either that or the drive failed. Can you please get on your schedule to have someone come take a look at it? We will need a hoist truck if we have to pull the pump, currently we are not equipped to pull one that large in house safely. This is also our largest station in the collection system.

As for the other station we had Josh look at last week we had another alarm in which I reached out to Bill. We were able to get everything up and running after backwashing the pump several times.

Thanks, Mark

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