

Kristina Hofmann

From: Robert Popowicz
Sent: Thursday, April 28, 2022 12:10 PM
To: Kristina Hofmann
Subject: FW: Fluvanna County Operator Coverage/Sampling Requirements
Attachments: 2065300 Engineering Description Sheet.pdf; 2065245 Engineering Description Sheet.pdf; Fluvanna County Courthouse Sampling Schedule.rtf; Fork Union Sanitary District Sampling Schedule.rtf

Hi Kristina,

I want to incorporate the information below into the contract. Jesse with Sydnor has received this information so it won't be anything he doesn't already know.

Thanks,
Bobby

Bobby Popowicz, MSML
Asst. Public Works Director-Utilities

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Phone: (434) 591-1925 Ext. 1051

From: Valencia, Taylor <taylor.valencia@vdh.virginia.gov>
Sent: Thursday, April 28, 2022 9:14 AM
To: jlroyall@sydnorhydro.com; Robert Popowicz <rpopowicz@fluvannacounty.org>; Kvech, Steve <steve.kvech@vdh.virginia.gov>
Subject: Fluvanna County Operator Coverage/Sampling Requirements

Good Morning,

Attached are the Description Sheets for the Fork Union Sanitary District (PWSID 2065300) and Fluvanna County Courthouse (2065245) systems along with their sampling schedules. On the schedules, I have highlighted which samples are due this year. Bobby, I informed the State Lab that you should be the primary contact to receive sampling invoices moving forward (and cc'd you on that email). Please note, the attached sampling schedules are based off of the info in our database as of this morning. I strongly recommend comparing your own sampling records to cross-check the schedules as some of the highlighted samples may have been collected but are still being processed and the results are not in our system yet.

For Fork Union Sanitary District (a Class 4 system), a licensed operator is required to be on-site at a minimum of three times per week. Considering how familiar the trainees are with the system, our office agrees that a Class 4 operator can visit this system once per week, while the trainees/other staff members visit the system on the remaining days of the week. The time spent on site must be sufficient to perform the required monitoring and maintenance of the system and to record the following parameters on the system's monthly operation report: total source water withdrawn/treated (gpd) for each well, finished water chlorine residual, raw and finished water pH, raw and finished water iron/manganese concentrations, orthophosphate residual, and filter hours between the greensand filter backwashes.

For the Fluvanna County Courthouse (a Class 6 system with chlorination treatment), a licensed operator is required to be on-site at a minimum of once per week. I mistakenly said the wrong frequency on our phone call, my apologies. For this system, the chlorine residual concentration must be measured and recorded on the system's monthly operation report (at least twice per week) along with the total month's water usage. Other staff members can measure the chlorine residual for monthly reporting.

Fluvanna County Zion Crossroads (a Class 5 system with no treatment) does not currently have a permit "in hand." Our office is working on issuing a temporary permit for the system which will include a waterworks description sheet. A class 5 operator will be required to be on-site at least twice per month. Once a temporary permit is issued sampling will also have to start. The temporary permit paperwork will include all sampling requirements in detail, however, you can expect sampling requirements for bacteriological, lead and copper, disinfection byproducts, VOCs, metals, inorganics, cyanide, and radiological monitoring.

Please contact me with any questions throughout this transition.

Kind regards,

Taylor L. Valencia

District Engineer

Virginia Department of Health

Office of Drinking Water - Lexington, VA

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