

From: ["Robert Allen" <RAllen@whitehousetn.gov>](mailto:RAllen@whitehousetn.gov)
To: ["Sarah Elias" <Sarah.Elias@tn.gov>](mailto:Sarah.Elias@tn.gov)
["Maybelle Sparks" <Maybelle.Sparks@tn.gov>](mailto:Maybelle.Sparks@tn.gov)
["Christina Wingett" <Christina.Wingett@tn.gov>](mailto:Christina.Wingett@tn.gov)
["Samantha ONeil" <Samantha.ONeil@tn.gov>](mailto:Samantha.ONeil@tn.gov)

Date: 6/24/2024 5:37:23 PM

Subject: [EXTERNAL] RE: TN0059404, City of White House- White House STP Final permit; Issue 4/29/24

***** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. *****

Good Afternoon Ms. Sarah,

The NetDMR shouldn't be an issue. I opened it this morning, and other than remembering the influent now has its own DMR at my age, it doesn't appear to be any different. I will attach the irrigation MOR its (001AG) NetDMR submittal and the Frey Branch/Influent to the 001G like I always have, unless you want me to keep a third MOR just for Influent. I have been volunteered to assist Ariel with the My TDEC Forms submittal so you folks are going to get more info from us than you want for a while.

I did notify Micheal Murphy and Christina Wingett that one train (east basin) of the bioreactor was placed into service on the 6th of May (as part of my May 24 submittal) for the contract required 30 day operational "test" we have with our contractor. That 30 day test is having to be reset by Jacobs Engineers due to a catastrophic failure with the skimmer arms on the new clarifier that took place on June 2nd, as well as some critical electrical components failing on the 12th in the west basin (contains recycled treated effluent for "wet" testing) prior to the completion of the thirty day test.

The grit removal, east bioreactor basin, reaeration blowers, the new clarifier, we call it #3, was repaired with new parts and back in service this morning, effluent filters, new RAS/WAS pumps and UV are operating rather well. We have cut the oxidation ditch loose from the two existing clarifiers and removed the MCCs, wiring and blocked the influent valve for the old ditch as well as demoed the old UV/PAA contact chamber. The 1.4 MGD oxidation ditch plant is no longer able to receive, treat or discharge water. We will be filling the existing clarifier #1 from the east basin in the morning and dewatering existing clarifier #2 for baffle and launder cover installation as part of this contract in the morning as well.

I am unsure when the damaged electrical parts are getting replaced for bioreactor 1 (west basin). Once this basin is in operation, without major interruption, for thirty days we will have the capability to introduce raw water and RAS and begin utilizing both basins as city's flows increase.

I have Waypoint Labs, our contract lab, scheduled in July and January for the every six month metals testing required on page R-41 of the new permit.

We still have a few bugs to get worked out with SCADA and making sure everything works as designed but we are finally getting real close. The UV is getting 1.0 MPN and <1.0 MPN most days, the filters are knocking solids out, ammonia has been greatly improved, as has nitrate/nitrite. Once we have two clarifiers operating and I can back off on WAS rates to keep one the active clarifier from overloading, we should be able to get a better sludge age and see if the bioreactor will treat PO4 the way it is designed to.

Mr. Travis Garmon or I one will do a more formal write up and I will attach it to the NetDMR as part of the June 24 submittal as you require. I know Travis has already met with the inspection staff and discussed the IWS survey completion before the permit became "official" on June 1 so hopefully they can get on that very soon.

Thank you and if anyone has any concerns or questions, please reach out on my cell number below. My new office does not have access to the 672-3654 number at the moment.

Chief Plant Operator
City of White House WWTP
Cell: 615-394-3783
Office: 615-672-3654

From: Sarah Elias <Sarah.Elias@tn.gov>

Sent: Monday, June 24, 2024 10:03 AM

To: Travis Garmon <TGarmon@whitehousetn.gov>; Robert Allen <RAllen@whitehousetn.gov>; Michael Smith <MSmith@whitehousetn.gov>; Curtis Earls <CEarls@whitehousetn.gov>; Derek Hough <DHough@whitehousetn.gov>

Cc: Maybelle Sparks <Maybelle.Sparks@tn.gov>; Christina Wingett <Christina.Wingett@tn.gov>; Samantha ONeil <Samantha.ONeil@tn.gov>

Subject: RE: TN0059404, City of White House- White House STP Final permit; Issue 4/29/24

6/26/2024

Good morning,

This a courtesy reminder that the recently reissued NPDES permit # TN0059404 for the City of White House’s White House STP, which became effective on June 1, 2024, has an updated Discharge Monitoring Report (DMR) reporting requirement. In addition to the monthly DMRs for effluent monitoring of Outfall 001, labeled Discharge # 001-G in NetDMR, and effluent monitoring of Outfall 001A, labeled Discharge #01A-G in NetDMR, the report-only limits for raw sewage influent monitoring of Outfall 001, which were previously included on the DMR for Outfall 001 effluent, will now be included on a separate DMR for Outfall 001 influent, labeled Discharge # INF1-G in NetDMR. So, instead of a reporting a single DMR every month, the influent and effluent limits for Outfall 001 will now be reported on 2 separate DMRs, labeled Discharge # 001-G and Discharge # INF1-G in NetDMR.

All DMRs and DMR-specific attachments must continue to be submitted electronically through EPA’s NPDES reporting website, NetDMR, by the 15th of the month following the end of each monitoring period. At the end of each monitoring period, make sure to search for your DMRs in NetDMR using ONLY the Permit ID and Monitoring Period End Date Range or DMR Due Date queries (select your Permit ID from the drop down menu, click Update, choose start and end dates in the Monitoring Period End Date range query (e.g., 06/01/2024- 06/30/2024) or single date in the DMR Due Date query (e.g., 07/15/2024), and click Search.) This search will pull up all of the DMRs within that date range. The first monthly DMRs for Discharge # 001-G, Discharge #01A-G, and Discharge # INF1-G for the June 1, 2024- June 30, 2024, monitoring period will be due in NetDMR on July 15, 2024. The next monthly DMRs for Discharge # 001-G, Discharge #01A-G, and Discharge # INF1-G for the July 1, 2024- July 31, 2024, monitoring period will be due in NetDMR on August 15, 2024, and so on.

Please be advised that the permit limits for the 1.4 MGD facility shall apply through the end of the calendar month when the City of White House initiates operation of the 2 MGD design. Page 9 of the permit states, “The permittee shall provide written notice to the division of the official initiation of operation date of the 2 MGD facility. Written notice shall be submitted to the Division of Water Resources as an attachment to the discharge monitoring report (DMR or NetDMR) for the month in which official initiation of operation of the 2 MGD facility occurs and simultaneously to the division permit mailbox: water.permits@tn.gov .”

In addition, section 1.1.3. of the permit includes a narrative condition with the following due date:

Due Dates	Requirement	Narrative Condition Description
1-Oct-24	Industrial User Survey	The permittee shall submit the results of an Industrial Waste Survey (IWS) to the Division of Water Resources, Pretreatment Section within 120 days of the effective date of this permit, unless such a survey has been submitted within 3 years of the effective date. If an IWS has been submitted within the past 3 years, the permittee shall notify the Division of the date when the IWS was previously submitted to the Division. The IWS shall be submitted to the following email address: DWRWater.Compliance@tn.gov

You can view the permit and related documents on our permit data viewer here: [DWR Permit Information \(tn.gov\)- NPDES TN0059404](#), and I have attached pdf copies of the DMRs for NPDES TN0059404 through the end of 2024 to this email for your review and reference. If you have any questions about the DMR requirements in your new permit, please feel free to reach out to me or Christina Wingett, your compliance contact in the Nashville field office. If you have any questions about your pretreatment reports, please contact Tennessee’s pretreatment coordinator Samantha O’Neil.

This email was sent to users who are associated with NPDES TN0059404 in NetDMR and TDEC’s permit database. If you are no longer associated with the permit, or if any other users need to be added or removed from the permit in NetDMR, please let me know or refer to guidance on TDEC’s NetDMR website here: [Getting Started in NetDMR \(tn.gov\)](#) .

Thank you,



Sarah Elias | Environmental Manager
 Division of Water Resources | NPDES Compliance Unit
 Davy Crockett Tower, 9th Floor
 500 James Robertson Parkway, Nashville, TN 37243
 c. 615-961-0486
sarah.elias@tn.gov

We value your feedback! Please complete our [customer satisfaction survey](#) .

From: Maybelle Sparks <Maybelle.Sparks@tn.gov>

6/26/2024

Sent: Tuesday, April 30, 2024 10:30 AM

To: Travis Garmon <TRGarmon@whitehousetn.gov>; Robert Allen <RAllen@whitehousetn.gov>; MSmith@whitehousetn.gov; CEarls@whitehousetn.gov

Cc: Sarah Elias <Sarah.Elias@tn.gov>; Christina Wingett <Christina.Wingett@tn.gov>; r4npdespermits@epa.gov

Subject: TN0059404, City of White House- White House STP Final permit; Issue 4/29/24

All,

The attachment is the Final Permit for the City of White House. If you have trouble opening it, please let me know. We do not plan to send out a paper copy unless you instruct us otherwise. If you have questions about the contents of the document, please contact me.

Please consider saving a copy of this email for your records.

Thanks,



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We are happy to help! Please let us know how we are doing by filling out this short [customer satisfaction survey](#) .