



FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

July 27, 2023

The Honorable Mayor Ronald R. Frazier, Jr.
Town of Fort White
Fort White, Florida 32038
Email: town@fortwhitefl.com
rdomingue@columbiacountyfla.com

PWS Number: 2124399
Columbia County – Town of Fort White WTP
Town of Fort White, Katalox Media &
GAC Pilot Study Approval

Dear Mayor Frazier:

The proposed Pilot Study information submitted May 25, 2023, was reviewed by the Department concerning the proposal to conduct a full-scale demonstration testing study (pilot study) for the Town of Fort White (Town of Fort White WTP). The Pilot test is for the use of Katalox Media and GAC Filters to improve water quality and reduce disinfection by-products, color, taste, and odor. The Town of Fort White may proceed with the pilot study as stated in the information submitted to the Department via email.

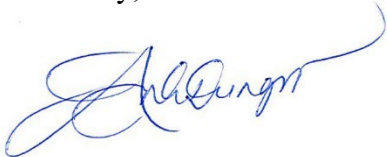
The proposed pilot study is hereby approved with the following conditions:

1. Formally notify the DEP NED drinking water program of the pilot study start date in order to determine the 90-day timeline to conduct the pilot study. The duration of the full-scale study will be no more than three months (90 days) per Rule 62-555.520, F.A.C.
2. Public notification is an option for this pilot study. Contact the DEP drinking water program if the City of Green Cove intends to provide a public notice prior to the start of the pilot study.
3. Continue the existing chlorine feed upstream of the ground storage tanks using the 10 gpd Stenner chemical feed pump currently being used for the NaMnO₄.
4. The existing Greensand filters and GAC filters are backwashed into onsite retention ponds.
5. Sampling for Iron and Manganese will be conducted during the pilot testing. At least monthly sampling downstream of polyphosphate injection point
6. During the duration of the pilot study, all other details, operation and maintenance protocols, and emergency shutdown procedures, as provided with the pilot study request documentation will be adhered to.
7. Provide email updates every two weeks concerning sample results and any questions, concerns, or issues. If changes are needed to this pilot study or if significant issues arise, please contact the DEP as soon as practical.
8. Normal drinking water compliance sampling will be maintained.
9. If it is decided to revise this pilot study, provide a memo that summarizes the revised plan and changes that affect the pilot plan. The revised plan and final plan would include any revised drawings or calculations and needs to be signed and sealed by a Florida PE submitted to DEP.
10. The existing Greensand filters and GAC filters are backwashed into onsite retention ponds.
11. Sampling for Iron and Manganese will be conducted during the pilot testing. At least monthly sampling downstream of polyphosphate injection point.

12. During the duration of the pilot study, all other details, operation and maintenance protocols, and emergency shutdown procedures, as provided with the pilot study request documentation will be adhered to.
13. Provide email updates every two weeks concerning sample results and any questions, concerns, or issues. If changes are needed to this pilot study or if significant issues arise, please contact the DEP as soon as practical.
14. Normal drinking water compliance sampling will be maintained.
15. If it is decided to revise this pilot study, provide a memo that summarizes the revised plan and changes that affect the pilot plan. The revised plan and final plan would include any revised drawings or calculations and needs to be signed and sealed by a Florida PE submitted to DEP.

Please contact Lydia Joyner, (904) 256-1525, Lydia.Joyner@FloridaDEP.gov or Shane Tierney, (904) 256-1642, Tiffany.J.Allen@FloridaDEP.gov of this office if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'D. Anh Vo', with a stylized flourish extending from the end.

D. Anh Vo, P.E.
W/WW Permitting Chief of Engineer
Permitting Program

cc:

Sterling Carroll, P.E., sterling@frwa.net
Lydia Joyner, FDEP
D. Anh Vo, P.E., FDEP
Shane Tierney, FDEP
Brian Durden, FDEP
Katie Miller, FDEP