



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

Davy Crockett Tower, 9th Floor
500 James Robertson Parkway
Nashville, Tennessee 37243

July 10, 2024

Mr. Gregory Smith
Pretreatment Coordinator
Caryville-Jacksboro Utilities Commission
P.O. Box 121
Jacksboro, TN 37757

SENT VIA ELECTRONIC MAIL TO: cjuc@cjuc.net

Re: Pass Through Limits
Caryville-Jacksboro Pretreatment Program
NPDES Permit No. TN0026263
Campbell County

Dear Mr. Smith:

Attached, please find a copy of the revised Pass Through Limits (PTLs) for the Caryville-Jacksboro wastewater treatment plant. These limits were calculated based on current stream background and flow information, and incorporate the Water Quality Criteria approved in September 2019. The enclosed limits will supersede any limits previously issued, and will take effect with your NPDES permit.

Caryville-Jacksboro should use these limits in a technical evaluation of its protection criteria and local limits according to Section 3.2 of the new NPDES permit. Furthermore, Section 3.2 has a requirement for completion of the Industrial Waste Survey. If you have any questions or concerns, please contact Gordon Holcomb at Gordon.Holcomb@tn.gov or (615) 339-9956.

Sincerely,

Samantha O'Neil
State Pretreatment Coordinator
Compliance and Enforcement Unit

SLO:GRH

e-copy: Mr. Hassan Sanaat – DWR, Knoxville EFO, Hassan.Sanaat@tn.gov

PASS THROUGH LIMITATIONS

Caryville-Jacksboro STP 07/10/2024 Campbell County
Design Flow: 0.86 MGD TN0026263 7Q10: 0.75 MGD

| Parameter | Concentration (µg/l) |
|--------------------------------|----------------------|
| Copper | 48.17 |
| Chromium, III | Report only |
| Chromium, VI | 17.79 |
| Nickel | 175.24 |
| Cadmium | 5.00 |
| Lead | 26.42 |
| Mercury | 0.08 |
| Silver | 5.00 |
| Zinc | 200.00 |
| Cyanide | 6.73 |
| Toluene | 15.00 |
| Benzene | 3.00 |
| 1,1,1 Trichloroethane | 30.00 |
| Ethylbenzene | 4.00 |
| Carbon Tetrachloride | 15.00 |
| Chloroform | 85.00 |
| Tetrachloroethylene | 25.00 |
| Trichloroethylene | 10.00 |
| 1,2 trans Dichloroethylene | 1.50 |
| Methylene Chloride | 50.00 |
| Phenols, Total | 50.00 |
| Naphthalene | 1.00 |
| Phthalates, Total ¹ | 64.50 |

¹ Total Phthalates is the sum of Bis (2-ethylhexyl) phthalate, Butyl benzylphthalate, Di-n-butylphthalate and Diethyl phthalate.

Note: These limits are monthly averages. All sampling and analysis must be in accordance with 40 CFR 136 unless explicitly allowed by the NPDES permit. See Part 3.2 of the NPDES permit for sample type requirements. References include T.C.A. 0400-40-14-.12(7)(c), 40 CFR 136, and EPA Form 3510-2C (8/90 version).